

Shivprasad Koirala 6th Edition Interview Questions

This is a .NET Interview questions book for Freshers and Experienced candidates. It Covers questions from Beginner to intermediate and then to expert level. Additional General questions are also added in this Edition. This book covers question from ASP.NET, C#, MVC, MSSQL and WEB API

In any interview, the interviewer concentrates on your extend of knowledge in the subject, and accesses the level in which you can contribute to a company s development. Even with effective training and references, sometimes, the questions put across during an interview might put you in a fix. Take for instance, .NET. How good is your exposure in .NET for facing such an interview? Not sure? Calma giù! This book, .NET Interview Questions, is prepared just to crack such interviews. Highly recommended for beginners, students, and professionals, this book covers the unknown or hidden areas of .NET implementation, starting from the basic to the advanced level from .NET Framework to OOPS to remoting to web services, i.e. VB.NET, C#.NET, and ASP.NET; from ADO.NET to XML, XSL, and XSLT; from Remoting, which forms the basis for advanced BizTalk, to SharePoint; from smart devices to Web Services and .NET Framework 3.0 that discusses WPF, WF, WCF, and WCS foundations, and much more. this book is prepared just to rack difficult interviews, highly recommended for beginners, students and professionals. The book covers unknown and hidden areas of .NET implementation.

Complete question bank to crack your .NET interview with real-time examples Key Features 200 dedicated questions on MVC and Angular 100 Questions are given for WPF and WCF Skills 150 Questions are dedicated to data access layer technologies like ADO.NET, EF and LINQ Questions on UML, Design pattern and architecture questions

Covers.NET interview SQL Server questions Book also discusses current salary trend for .NET and C# developers so that when you go for an interview you should know what current market rate is ? and you negotiate it fairly. Description Book has been around 10 years in the industry and is the number one chosen friend when a C# developer is looking for a job. So do not look any further. Just pick it up. This book covers more than 1000 real time .NET interview questions ranging across 20 categories like .NET fundamentals, OOP, SQL Server, ADO.NET, MVC6, Angular, JQuery, HTML 5, WPF, WCF and so on. The best part of this book is the DVD which has awesome step by step videos to learn MVC and .NET as soon as possible. What will you learn After reading this book, you will be able to understand .NET Framework, OOPS, ADO .NET. You will be able to know ASP .NET WebForms, ASP.NET MVC, JQuery, Angular, HTML 5 and CSS 3, SQL Server, WPF. Who this book is for This book is built in such a way that it is useful for all categories such as technical or non-technical readers. This book is perfect. If you are a fresher and you want to learn about .NET, or if you are a teacher and you want to teach what is asked during an interview in .NET, this book is very helpful. Table of Contents 1. Top 50 Technical and Non-technical Questions 2. Basic .NET Framework 3. OOPS 4. ADO .NET 5. ASP .NET WebForms 6. ASP.NET MVC (Model View Controller) 7. JQuery 8. Angular 9. HTML 5 and CSS 3 10. SQL Server 11. Removing, Web Services and WCF 12. WPF 13. LINQ and Entity Framework 14. Design patterns, UML, Estimation and Project management 15. Ajax 16. Reports 17. Threading 18. XML 19. .NET Interoperability 20. Extra's 21. Algorithms 22. Learn .NET and MVC About the Author Shivprasad Koirala is a Microsoft ASP.NET MVP, self-employed and mostly into Microsoft technology corporate training. He is hypnotized with training and teaching. Till now he has taken more than 2000 corporate training, 80 published books written, with more than 1000 articles. His LinkedIn profile: <https://in.linkedin.com/in/shivkoirala>

Around 400 Plus Interview Questions From Live Java Interviews Section Wise Java Interview Question Coverage According To Multinational Companies short And To The Point Answers (No Hitting Around The Bush) Every Question Is Classified In To Basic Intermediate And Advanced Category Thus Providing More Focus To Readers On Specific Category. During Interviews Other Than Main Technology Companies Expect Other Areas To Be Strong For Example Uml Project Management Architecture Database Etc. Other Section Is The Most Strong Point Of The Book Which Makes Reader Prepared For Unexpected Questions. Interview Rating Excel Sheet Which Will Help You Measure Exactly Where You Stand In The Interview Measurement. Full Range Of Interview Questions Right From Junior Java Developers To Senior Architects Or Project Manager. Cd Has All The Software You Need To Start For Practice Sample Resume Sample Code And Interview Measurement Sheet Jdk Set Up (1.4 And 1.5). Eclipse Postgresql Jboss Ant Struts Wtp Jakarta Aspectj. Book Covers Important Points Like Salary Negotiations Resume Making And General Points To Be Remembered During Interview. Recommended For Java Interviews Who Area Looking For What Questions To Be Asked To Get Better And Decent Java Professionals. Recommended For Fresher And Students Who Want To Have A Feel Of What Java Questions Are Asked In Multinational Companies. Developers Who Are Looking For Quick Reference And Faq Offers information to gardeners of any skill level on how to create permaculture in their own backyard.

As representatives from the IT community, all of us have had our own experiences of attending interviews - clearing or close to clearing and sometimes with tons of questions and doubts failing miserably. These stories are in the most pleasant or not so pleasant memories of our mind and we will assure you this book will kindle those memories for sure. We have taken tons of interviews and most of the interviews are not revolving around how deep technical and internals you know about the subject - but it revolves around how good you are with the basics. To clear an interview, one doesn't need to know inside-out of a subject, and subjects like "SQL Server" so vast that every single day we learn something new with this product, and even a complete lifetime will fly off if we keep doing this. Again, the various roles one can get into for products like SQL Server are from Database Developer, Database Modelers, Database Architect, Database Administrator and many more. Hence, this book is geared towards demystifying and a refresher for memories on the fundamentals which sometimes are the most important things to clear any type of interview for any role. Some of the concepts discussed are generic and are

not tied to any specific version of SQL Server, but most of the new features introduced with SQL Server have been included in this book. This book is not a shortcut or a sure to crack interview guide but this book gets you prepared in an organized manner. Let us also assure you this is neither a completely comprehensive guide but surely is a great starter nevertheless. Use this to guide you and be mentally prepared for the big day. When faced with this big day, we get overwhelmed and confused about where to start our preparation. And this book is just that secret recipe in your arsenal to get geared up. Sometimes these basics will help you narrow to a solution quickly when given a scenario. Now this book's flow is "Question & Answer" mode from start till the end to help you grasp the concepts faster and to the point. Once you get an understanding of concepts, then if we are twisted with the concept in a scenario it becomes easy to solve them. Most companies have a typical way to do interviews which are based on the scenario as per their environment and these are just combinations of the concepts to fit their need and SLA. Though each of these chapters is bucketed for convenience we highly recommend reading each of the sections nevertheless irrespective of the roles you might be doing as each of the sections have some interesting trivia's working with SQL Server. In the industry, the role of accidental DBA's especially with SQL Server is so common. Hence if you have performed the role of DBA for a short stint and want to brush-up your fundamentals then the respective sections will be a great skim.

Let us break the SQL interview with the help of SQL Server interview questions. **DESCRIPTION** This book gives you a complete idea about the SQL database. It starts from a very basic concept like what is a database, its usage, types, creation, and data storage, security, sorting, and searching for a stored procedure. This book is a complete set of interview breaking questions and answers with live examples and plenty of screenshots. This book takes you on a journey to mastering the SQL database, including SQL datatypes, functions, triggers, and stored procedures. This book also covers the latest and new features of SQL 2016, 2017 and 2019 CTP with examples. In the beginner section, we start with very basic concepts like what is a database, why to use a database, different types of database types, what is SQL, its usages, advantage and disadvantages, SQL datatypes, its different operators and how to use them with samples. In the intermediate section, we will learn about the different SQL functions, SQL Joins (used to fetch values from multiple SQL tables) and SQL DDL, DCL, and DTL commands. (About the last chapters) This is the advanced section of the book where we have provided an explanation of the SQL stored procedure, triggers and SQL view concepts, additionally, we have covered SQL core concepts like keys, indexes, injections and constraints. We have also introduced cutting-edge concepts like SSRS, SSIS, SQL Cloud database (Azure), JSON Support and a list of the new features of SQL 2016, 2017, CTP-2019 with SQL performance improvement tips. Finally, we have ended the book with a series of random SQL questions and answers. **KEY FEATURES** Database Basic Concepts SQL Fundamentals DDMS, SQL Statements, and Clauses SQL Operators, Datatypes, and Keywords SQL Functions, Wildcards and Dates SQL Joins and CASE Statement SQL DDL, DCL, and DTL Statements SQL Stored procedures, Triggers, Views, and Transactions SQL Keys, Indexes, Injection, and Constraints SSRS, SSIS, SQL Cloud database (Azure), and JSON Support New features of SQL 2016, 2017, and 2019 SQL Performance Improvement Tips Fuzzy Interview Questions and Answers **WHAT WILL YOU LEARN** After reading this book, you will be able to understand SQL database concepts, handle core database activities like data security, searching, migration, and sorting. You will be able to handle the database transactions, use different SQL datatypes, functions, triggers, and stored procedures to save and retrieve data from the database. You will also be able to understand advanced SQL concepts like SQL reporting services, integration services, cloud database and new features from the latest SQL versions like 2016, 2017, and 2019. **WHO THIS BOOK IS FOR** This book is built in such a way that it is useful for all categories such as technical or non-technical readers. This book is perfect. If you are a fresher and you want to learn about SQL, or if you are a teacher and you want to spread SQL knowledge, this book is very helpful. If you want to crack the database interview or if you are working as a DBA and you want to upgrade your knowledge, or if you are backend developer, database tester, performance optimizer, or if your role is that of a database admin, SQL developer, data analyst, mobile app developer or if you are working on core SQL concepts, this book is just right for you. This book is very useful as it contains many simple real-time scenarios for each concept. All functionalities are explained with real SQL screenshots and database records. **Table of Contents** 1. Database and SQL Basics 2. DDMS SQL Statements and Clauses 3. SQL Operators, Keywords, and Datatypes 4. SQL Operators 5. SQL Functions, Wildcards, and Dates 6. SQL Joins and CASE Statement 7. SQL DDL, DCL, and DTL Statements 8. SQL Stored Procedures, Triggers, Views, and Transactions 9. SQL Keys, Indexes, Injections, and Constraints 10. SSRS, SSIS, SQL Cloud database (Azure), and JSON Support 11. New features of SQL 2016, 2017, and 2019 12. SQL Performance Improvement Tips and Fuzzy Interview Questions

Basic to Advance learning of Angular concepts **DESCRIPTION** This book is an Essentials guide for every Angular developer. It covers all required topics an Angular developer need to get started. This book is written in Angular version 7 and explains vital concepts of Angular in extremely descriptive way with lot of code examples. **KEY FEATURES** A complete overview of the key aspects of Angular Up to date with the latest Angular release The book covers the framework's mental model, API, and the design principles behind it. **WHAT WILL YOU LEARN** Components & Binding, Web API SPAs & Routing, Template Driven Forms Forms, HTTP Unit Testing, ngModel, Angular Directives Pipes, Ignite UI **WHO THIS BOOK IS FOR** Students of Polytechnic Diploma Classes- Computer Science/ Information Technology Graduate Students- Computer Science/ CSE / IT/ Computer Applications Master Class Students—Msc (CS/IT)/ MCA/ M.Phil, M.Tech, M.S. Industry Professionals- Preparing for Certifications **Table of Contents** 1. Introduction 2. Component and Data Binding 3. Components Communications 4. Angular Directives 5. ViewEncapsulation in Angular 6. Pipes 7. Template Driven Forms 8. Reactive Forms 9. Angular Routing 10. Change Detection 11. Services and Providers 12. Working with API and \$http 13. Advanced Components

Description:The best way to learn MVC is by doing a project and this book does the same. A complete MVC project is created from scratch with all best practices implemented. professional projects are not created by just using ASP.NET MVC you need other ingredients like HRML, JavaScript, Jquery, JSON, WebAPI so on. This book has covered all the necessary supporting technologies while making MVC

project. Gone are those days of using ADO.NET to connect to database. In professional project developers use ORM technologies like Entity Framework. This book uses EF whenever there is a need of database communication. With the book we have provided DVD which has MVC video tutorials which will help you to kick start MVC with great speed. After every lab we have discussed important questions around the lab this will make you prepared for ASP.NET MVC interviews.

Learn the basics of most favored dynamic language for application development Key features Major reorganisation of chapters with a view to improve comprehension of concepts involved Comprehensive coverage of all the concepts of Core Java Simple language, crystal clear approach, user friendly book Concepts are duly supported by several examples and self explanatory analogies. Description Java Language is very popularly used for creating applications for PC, Laptop, Tablet, Web and Mobile world Learning a language that can work on so many different platforms can be a challenge. This is where you would find this book immediately useful. It follows simple and easy narration style. It doesn't assume any programming background. It begins with the basics and steadily builds the pace so that the reader finds it easy to handle complex topics towards the end. Each chapter has been designed to create a deep and lasting impression on reader's mind. Object Oriented Programming has been covered in detail to give a strong foundation for Java Programming. Well thought out and fully working example programs and carefully crafted exercises of this book, cover every aspect of Java programming. What will you learn Data types & Control Instructions Classes & Objects Arrays & Strings Inheritance & Polymorphism Interfaces, Packages Exception Handling, Effective IO Multithreading & Synchronization Generics, Collection classes, GUI Using Swing Database Connectivity Using JDBC Who this book is for This book will prove to be a "e;must have"e; for beginners as well as experienced professionals as it is a stepping stone for learning Java technology. Table of contents 1. An Overview of Java 2. Getting Started 3. Java Data Types and Instructions 4. Decision Control Instruction 5. Loop Control Instruction 6. Case Control Instruction 7. Functions 8. Advanced Features of Functions 9. Introduction to OOP 10. Classes and Objects 11. Arrays 12. Strings and Enums 13. Inheritance 14. Polymorphism 15. Exception Handling 16. Effective Input/ Output 17. Multithreading In Java 18. Generics 19. Collection Classes 20. User Interfaces 21. JDBC 22. Index About the author Yashavant Kanetkar Through his books and Quest Video Courses on C, C++, Java, Python, Data Structures, .NET, IoT, etc. Yashavant Kanetkar has created, molded and groomed lacs of IT careers in the last three decades. Yashavant's books and Quest videos have made a significant contribution in creating top-notch IT manpower in India and abroad. Yashavant's books are globally recognized and millions of students/professionals have benefitted from them. Yashavant's books have been translated into Hindi, Gujarati, Japanese, Korean and Chinese languages. Many of his books are published in India, USA, Japan, Singapore, Korea and China. Yashavant is a much sought after speaker in the IT field and has conducted seminars/workshops at TedEx, IITs, IIITs, NITs and global software companies. Yashavant has been honored with the prestigious "e;Distinguished Alumnus Award"e; by IIT Kanpur for his entrepreneurial, professional and academic excellence. This award was given to top 50 alumni of IIT Kanpur who have made a significant contribution towards their profession and betterment of society in the last 50 years. In recognition of his immense contribution to IT education in India, he has been awarded the "e;Best .NET Technical Contributor"e; and "e;Most Valuable Professional"e; awards by Microsoft for 5 successive years. Yashavant holds a BE from VJTI Mumbai and M.Tech. from IIT Kanpur. Yashavant's current affiliations include being a Director of KICIT Pvt Ltd. And KSET Pvt Ltd. His LinkedIn profile: [linkedin.com/in/yashavant-kanetkar-9775255](https://www.linkedin.com/in/yashavant-kanetkar-9775255)

Microsoft's ASP.NET Core and some important questions and answers are covered in this book. Let's get to know, crack your interview and rock your world.

If you use Entity Framework in Visual Studio 2008 and .NET 3.5, this is the book you want. Programming Entity Framework, 1st Edition offers experienced developers a thorough introduction to Microsoft's core framework for modeling and interacting with data in .NET applications. This hands-on tour provides a deep understanding of Entity Framework's architecture and APIs, and explains how to use the framework in a variety of applications built with Visual Studio 2008 and .NET 3.5. From the Entity Data Model (EDM) and Object Services to EntityClient and the Metadata Workspace, this highly acclaimed first edition covers it all. Understand the core concepts you need to make the best use of the Entity Framework (EF) in your applications Learn to query your data, using either LINQ to Entities or Entity SQL Create Windows Forms, WPF, and ASP.NET applications Build ASMX web services and WCF services Use Object Services to work directly with your entity objects Delve into model customization, relationship management, change tracking, data concurrency, and more One important note: while many of the lessons from this book will continue to be valuable as you move to .NET 4, the thoroughly revised second edition of Programming Entity Framework (August 2010) specifically targets Visual Studio 2010 and .NET 4 -- where there have been many advancements and additions to the framework. Introduction: Design Pattern Interview Questions Updated 2020 edition!! This book contains the Design Pattern Technical interview questions that you can expect in a Java interview. Design Pattern is a very important topic in technical interview. Many fortune 500 organizations use Design Patterns. This book contains basic to expert level Design Pattern interview questions that an interviewer asks. Each question is accompanied with an answer so that you can prepare for job interview in short time. Often, these questions and concepts are used in our daily programming work. But these are most helpful when an Interviewer is trying to test your deep knowledge of Design Pattern concepts. How will this book help me? By reading this book, you do not have to spend time searching the Internet for Design Pattern interview questions. We have already compiled the list of the most popular and the latest Design Pattern Interview questions. Are there answers in this book? Yes, in this book each question is followed by an answer. So you can save time in interview preparation. What is the best way of reading this book? You have to first do a slow reading of all the questions in this book. Once you go through them in the first pass, mark the questions that you could not answer by yourself. Then, in second pass go through only the difficult questions. After going through this book 2-3 times, you will be well prepared to face a technical interview for Software Engineer position in Design Patterns programming. What is the level of questions in this book? This book contains questions that are good for a Associate Software engineer to a Principal Software engineer. The difficulty level of question varies in the book from a Fresher to an Experienced professional. What are the sample questions in this book? When will you use Strategy Design Pattern in Design Pattern? What is Observer design pattern? What are the examples of Observer design pattern in JDK? How Strategy design pattern is different from State design pattern in Design Pattern? Can you explain Decorator design pattern with an example in Design Pattern? What is a good scenario for using Composite design Pattern in Design Pattern? Have you used Singleton design pattern in your Design Pattern project? What are the main uses of Singleton design pattern in Design Pattern project? Why Design Pattern.lang.Runtime is a Singleton in Design Pattern? What is the way to implement a thread-safe Singleton design pattern in Design Pattern? What are the examples of Singleton design pattern in JDK? What are the examples of Visitor design pattern in JDK? How Decorator design pattern is different from Proxy pattern? What are the different scenarios to use Setter and Constructor based injection in Dependency Injection (DI) design pattern? What are the different scenarios for using Proxy design pattern? What is the main difference between Adapter and Proxy design pattern? What are the examples of Adapter design pattern in JDK? What is the difference between Factory and Abstract Factory design pattern? What is Open/closed design principle in Software engineering? What is SOLID design principle? What is a Data Access Object (DAO) design pattern?

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400+ Java/J2EE Interview questions with clear and concise answers for: job seekers (junior/senior developers, architects, team/technical leads), promotion seekers, pro-active learners and interviewers. Lulu top 100 best seller. Increase your earning potential by learning, applying and succeeding. Learn the fundamentals relating to Java/J2EE in an easy to understand questions and answers approach. Covers 400+ popular interview Q&A with lots of diagrams, examples, code snippets, cross referencing and comparisons. This is not only an interview guide but also a quick reference guide, a refresher material and a

roadmap covering a wide range of Java/J2EE related topics. More Java J2EE interview questions and answers & resume resources at <http://www.lulu.com/java-succes>

Ready reckoner for freshers, intermediaries and experts who are appearing for a SharePoint Interview Key Features Around 400 plus interview questions from live share point interviews. Full range of interview questions right from Junior share point developer to a senior people. The book covers major sections in share points like WSS, Web parts, custom controls and workflows. It explains content types and custom data types in a seamless manner. Description Book dedicates 10 questions which explain how workflow is implemented step by step in share point, salary negotiations; resume making and General points to be remembered during an interview, ideal for share point professionals who are looking for quick reference and FAQ, also recommended for share point Interviewers who are looking for what questions to be asked to get better and decent share point professionals, recommended for fresher and students who want to have a feel of what kind of questions are asked during share point interviews. What will you learn SharePoint in the software company hierarchy Resume preparation guidelines Salary slip Salary negotiation Interview rating sheet Who this book is for This book is for the site owners, power users or administrators who want to crack SharePoint interview. Though the book is intended for SharePoint developer knowledge, a little understanding of SharePoint is required. Table of Contents 1. What is SharePoint 2. What is WSS and MOSS 3. How does WSS actually works? 4. What is site and site collection? 5. What is the main advantage of using site collection? 6. What is the use of SQL server in SharePoint? 7. What is the concept of virtual path provider? 8. What is the concept of ghosting and unghosting in SharePoint? 9. What is the concept of safemodparser in ASP.NET? 10. How can I create my first site in SharePoint? 11. What is Quick Launch menu? 12. We have heard that we can customize SharePoint sites how do we do that? 13. We have heard it has readymade functional modules for collaboration? 14. How can we enable these reusable components in my site? 15. How can we display a simple custom page in SharePoint? 16. The above page does not look like a standard SharePoint page? 17. Above code is completely inline, how can we implement behind code in SharePoint? 18. What is the concept of features in SharePoint? 19. Can you explain the broader steps for deploying/ activating a feature? 20. I want that the feature should be only displayed to admin? 21. How can we provision page template and page instances? 22. Why customized pages are parsed using no-compile mode? 23. What is safe mode processing and Safe Controls? 24. Can you explain WSS model? 25. How can we use custom controls in SharePoint? 26. How can you view a detail error in SharePoint? 27. How can we display ASCX control in SharePoint pages? 28. What are WebParts and in what ways does it vary in SharePoint environment? 29. What are the different life cycle rents that WebPart goes through? 30. What's the difference between WebParts in WSS 2.0 and 3.0? 31. Can you explain the 6 steps we need to create a WebPart in SharePoint? 32. How can we implement customization and personalization in WebParts? 33. How can we create a custom editor for WebParts? 34. SharePoint is about centralizing documents, how similar is to the Windows folder? 35. Can we add custom fields to our document library documents? 36. What are content types in SharePoint?

Implement rich Azure SAAS-PAAS-IAAS ecosystems using containers, serverless services, and storage solutions DESCRIPTION Book explains Azure services offerings to advance resource creation to see how all the moving parts go together. It walks through various cloud development tools which will speed our development process. Books majorly covers practical information to get you started to a Proficient level and towards cloud mindset Azure Cloud offers enormous services to solve your problem in this modern world. Microsoft Azure has Web, Mobile, Big Data, IoT, AI + Machine Learning, Storage, Database, and so on. We will be going through some of these available services to solve our business problem in this book. If you are a .NET developer who wants to learn Microsoft Azure and want to have cloud mindset, this book is for you. Cloud application development requires a Cloud mindset. Cloud mindset is developed by gradually going through all the available services provided by Microsoft Azure and using the best fit solution for your problem. "If you are C# DEVELOPER who wants to start with Azure, then this book is for you." KEY FEATURES This book starts from basic fundamentals and takes you to a professional level. Books emphasizes on real life project use case and in-depth implementation. Books starts right from scratch with creation of Azure account to manually creating Azure resources and deploying them. Exclusive topics are dedicated for Azure Web App, Web Job, Cloud Service (Web Role, Worker Role), Azure functions. All practical implementation of Azure services (PASS, Server less computing) are covered. WHAT WILL YOU LEARN Azure and Services Offered for .NET Developers To create Free Azure Account and Web App Service on Azure Creating and Deploying a Sample ASP.NET Core on Azure Web App. Creating and Running a Background Job with help of Web Jobs on Azure Creating and Running a Service Bus Triggered Web Jobs on Azure to send mail to the Customer using Send Grid Creating your first Cloud Service app on Azure WHO THIS BOOK IS FOR Students of Polytechnic Diploma Classes- Computer Science/ Information Technology Graduate Students- Computer Science/ CSE / IT/ Computer Applications Master Class Students—Msc (CS/IT)/ MCA/ M.Phil, M.Tech, M.S. .NET developer, C# developer Table of Contents 1. The Era of Data Center 2. Abstract 3. Introduction Day 1: Understanding Azure and Services Offered for .NET Developers Day 2: Creating your Free Azure Account and Create Your First Web App Service on Azure Day 3: Creating and Deploying a Sample ASP.NET Core on Azure Web App. Day 4: Creating and Running a Background Job with help of Web Jobs on Azure Day 5: Creating and Running a Service Bus Triggered Web Jobs on Azure to send mail to the Customer using Send Grid Day 6: Creating your first Cloud Service app on Azure Day 7: Logic/Function as a Service Often Termed has Serverless Computing, Creating your First Azure Function on Microsoft Azure References

This book predominately covers Microservices architecture with real-world example which can help professionals with ease of adoption of this technology. Following the trend of modularity in real world, the idea behind Microservice by Examples is to allow developers to build their applications from various independent components which can be easily changed, removed or upgraded. Also, it is relevant now because of enterprises are moving towards DevOps/ Modernization, this book will emphasize on containers and Dockers as well.

Looking to study up for the new J2EE 1.5 Sun Certified Web Component Developer (SCWCD) exam? This book will get you way up to speed on the technology you'll know it so well, in fact, that you can pass the brand new J2EE 1.5 exam. If that's what you want to do, that is. Maybe you don't care about the exam, but need to use servlets and JSPs in your next project. You're working on a deadline. You're over the legal limit for caffeine. You can't waste your time with a book that makes sense only AFTER you're an expert (or worse, one that puts you to sleep). Learn how to write servlets and JSPs, what makes a web container tick (and what ticks it off), how to use JSP's Expression Language (EL for short), and how to write deployment descriptors for your web applications. Master the c:out tag, and get a handle on exactly what's changed since the older J2EE 1.4 exam. You don't just pass the new J2EE 1.5 SCWCD exam, you'll understand this stuff and put it to work immediately. Head First Servlets and JSP doesn't just give you a bunch of facts to memorize; it drives knowledge straight into your brain. You'll interact with servlets and JSPs in ways that help you learn quickly and deeply. And when you're through with the book, you can take a brand-new mock exam, created specifically to simulate the real test-taking experience.

Summary Building on the bestselling first edition, EJB 3 in Action, Second Edition tackles EJB 3.2 head-on, through numerous code samples, real-life scenarios, and illustrations. This book is a fast-paced tutorial for Java EE 6 business component development using EJB 3.2, JPA 2, and CDI. Besides covering the basics of EJB 3.2, this book includes in-depth EJB 3.2 internal implementation details, best practices, design patterns, and performance tuning tips. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book The EJB 3 framework provides a standard way to capture business logic in manageable server-side modules, making it easier to write, maintain, and extend Java EE applications. EJB 3.2 provides more enhancements and intelligent defaults and integrates more fully with other Java technologies, such as CDI, to make development even easier. EJB 3 in Action, Second Edition is a fast-paced tutorial for Java EE business

component developers using EJB 3.2, JPA, and CDI. It tackles EJB head-on through numerous code samples, real-life scenarios, and illustrations. Beyond the basics, this book includes internal implementation details, best practices, design patterns, performance tuning tips, and various means of access including Web Services, REST Services, and WebSockets. Readers need to know Java. No prior experience with EJB or Java EE is assumed. What's Inside Fully revised for EJB 3.2 POJO persistence with JPA 2.1 Dependency injection and bean management with CDI 1.1 Interactive application with WebSocket 1.0 About the Authors Debu Panda, Reza Rahman, Ryan Cuprak, and Michael Remijan are seasoned Java architects, developers, authors, and community leaders. Debu and Reza coauthored the first edition of EJB 3 in Action. Table of Contents PART 1 OVERVIEW OF THE EJB LANDSCAPE What's what in EJB 3 A first taste of EJB PART 2 WORKING WITH EJB COMPONENTS Building business logic with session beans Messaging and developing MDBs EJB runtime context, dependency injection, and crosscutting logic Transactions and security Scheduling and timers Exposing EJBs as web services PART 3 USING EJB WITH JPA AND CDI JPA entities Managing entities JPQL Using CDI with EJB 3 PART 4 PUTTING EJB INTO ACTION Packaging EJB 3 applications Using WebSockets with EJB 3 Testing and EJB

This book assumes no background knowledge of programming, and still provides an exhaustive understanding of C and its applications. Packed with Sample Programs and practical ideas for C applications, this book is ideal for programmers who are new to C, and wish to explore the immense potential of this language. The author provides every aspect of C in detail. Some of the important features of this book are - Over 150 fully tested programming examples, Exercises at end of each chapter, Exhaustive discussion on Pointers, Advanced concepts like structures, union and bitwise operators discussed in detail, Appendix on common programming errors, Contents arranged as per DOEA and B level examination syllabus. All these features make this book ideal for a computer student, teacher or a professional programmer. In short, if you are ready to tap the power of C this book would provide you quite a few treasures.

The competence and quality of software testers are often judged by the various testing techniques they have mastered. As the name suggests, Software Testing provides a self-study format and is designed for certification course review, and for freshers as well as professionals who are searching for opportunities in the software testing field. Along with software testing basics, the book covers software testing techniques and interview questions (e.g., Six Sigma and CMMI) which are important from the Software Quality Assurance (SQA) perspective. It also has in-depth coverage of software expense estimation topics like function points (FPA) and TPA analysis. A CD-ROM supplements the content with the TestComplete software-testing tool setup, software estimation templates (PDFs), an interview rating sheet, a sample resume, third-party contributions, and more."

Building Single Page App using ASP.NET Core and Angular is not at all meant for freshers or for those who just started programming. This Book covers tons of client-server side technologies. For example it uses ASP.NET Core, Entity Framework Core, WebAPI, Repository Pattern, Unit of Work Pattern, Angular, Responsive design principles, HTML 5, Solid Principles, Design Patterns, etc. to name a few. Now to illustrate each and every concept right from the scratch is fairly impossible as it kills the purpose of writing this book. This book is for my readers who regularly ask me to write something combining all these principles. There are tons of developers and professionals around the world who know these concepts in bits and pieces but don't know how to connect the dots to build as an application. This book is entirely written around industry & coding standard, design principles. Hence, if you are fresher or just started your job, I would recommend to understand basics first and then refer this book. Otherwise, this will appear overwhelming at the beginning. From the second chapter, you will find questions section at the end of every chapter. If you are following this book precisely, you should be able to answer these questions on your own. These are project specific questions which are generally asked in any technical interviews. CONTENTS Chapter 1: Getting Started Chapter 2: Creating Solution From The Blank Slate Chapter 3: Creating Data Context Chapter 4: Implementing Web API Chapter 5: Getting Started with Angular Chapter 6: Deeper into Angular Chapter 7: Adding More Features Using Angular Chapter 8: Adding More Features to the App Chapter 9: Authentication & Authorisation Chapter 10: Introduction to Azure and CosmosDb

Learn to create Client-side and Single Page Apps with Routing and NavigationKey features In this book, the reader will be able to focus on one concept of Angular in deep. Some of the concepts of Routing discussed are: o Lazy Loading o Routing Parameters o Route Guards The examples in the book talk us through building an e-commerce website which helps the reader to connect to the real-life business scenarios. The book commences with an introduction to the important concepts of Angular to understand in general and then moves to how Routing helps us build our applications much effectively. The tools I use in the explanation of concepts are Angular CLI, Visual Studio Code. By the end of this book, you should be able to understand Routing perfectly being able to perform all the operations using Routing. Do not forget to code along with your reading the book. This will give you hands-on experience to gain out of the book. The book will be provided with a GitHub link to it. Description A basic understanding of HTML, CSS, JavaScript would be good to quickly get through the concepts of Angular. If you are already working in Angular, you are all good to go. The book starts with the introduction of basic concepts and structure of Angular applications like Components, Services, Modules, etc. This further focuses on the concepts of Routing, i.e. navigating from one view to another in your single-page applications. For all the web developers & students who love building web-apps, this book on Angular Routing will add great value to your skill set helping you to develop your applications with faster performance and refined view. What will you learn In this book, you will learn the concepts of Angular routing to help you make your Angular applications more effective and have better performance when dealing with data. Who this book is for This book is for learning the concept of routing in angular applications. If you are working in Angular, this book serves the purpose of clearing all your concepts around navigation from one view to another in single page applications. If you are new to Angular, this book will give you an introduction of the basic concepts of Angular and then give you the expertise in one of those concepts, Routing. Table of contents 1. Introduction 2. Introduction to Routing 3. Basics of Routing 4. Routing Features 5. Routing Parameters 6. Child Routes 7. Secondary Routes 8. Route Guards 9. Grouping & Component-less Routes 10. Route Resolvers 11. Lazy Loading 12. CRUD operations with Routing About the author Nishu Goel is a software developer currently working with IBM in Bengaluru, India. She has completed her Bachelor studies in computer science as in 2018. She works on Angular and keeps learning on the go. She loves to write blog posts and talk around the basic concepts of Angular at conferences. She is also the author of "e;Angular for Beginners"e; course on Udemy. With her work to apply technology towards sustainable development goals (SDGs) by the United Nations living in the villages of Jharkhand, India for three months, she has been awarded by the Prime Minister of the UK. Some of her hobbies are: Working for community development with a focus on selective SDGs, Speaking at conferences, exploring places. With this book, she aims to share her learning and understanding of the concepts of Angular Routing with everyone. You can tweet her at @DcoustaWilson and read her blog posts at <https://nishugoel.wordpress.com/> Her Blog: <https://nishugoel.wordpress.com/> Her LinkedIn Profile: <https://www.linkedin.com/in/nishu-goel-ab557041/>

- 300 Software Testing Interview Questions You'll Most Likely Be Asked - 77 HR Interview Questions - Real life scenario based questions - Strategies to respond to interview questions - 2 Aptitude Tests Software Testing Interview Questions You'll Most Likely Be Asked is a perfect companion to stand ahead above the rest in today's competitive job market. Rather than going through comprehensive, textbook-sized reference guides, this book includes only the information required immediately for job search to build an IT career. This book puts the interviewee in the driver's seat and helps them steer their way to impress the interviewer. The following is included in this book: a) 300 Software Testing Interview Questions, Answers and proven strategies for getting hired as an IT professional b) Dozens of examples to respond to interview questions c) 77 HR Questions with Answers and proven strategies to give specific, impressive, answers that help nail the interviews d) 2 Aptitude Tests download available on

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The competence and quality of software testers are often judged by the various testing techniques they have mastered. As the name suggests, Software Testing provides a self-study format and is designed for certification course review, and for “freshers” as well as professionals who are searching for opportunities in the software testing field. Along with software testing basics, the book covers software testing techniques and interview questions (e.g., Six Sigma and CMMI) which are important from the Software Quality Assurance (SQA) perspective. It also has in-depth coverage of software expense estimation topics like function points (FPA) and TPA analysis. A CD-ROM supplements the content with the TestComplete™ software-testing tool setup, software estimation templates (PDFs), an interview rating sheet, a sample resume, third-party contributions, and more.

Description This book carries a lot of information for you, if you are starting AutoCAD for the first time. The book is extremely simple to understand and can enlighten you with the basics fundamentals of AutoCAD. The main objective of this book is to make students passionate about learning the concepts of AutoCAD. The book is divided into Two Parts: Theoretical Practical. The projects have been explained in a step by step manner with the commands along with a lot of new features. Table Of Contents: Section 1 - Introduction What is AutoCAD? History of AutoCAD Usage of AutoCAD What is New in AutoCAD 2017? What is Workspace? Section 2 - Overview Welcome screen GUI Overview Mouse use Difference between Command work & Visual work Coordinate system with Line command Zoom and extents Regen Section 3 - Drawing the door Unit Rectangle Offset Osnap Arc Mirror Join Extend Trim Section 4 - Grill Design Grid Snap Pline Ellipse Section 5 - Road & River Layer Spline Mlines Hatch Gradient Revision cloud Mirror Block Insert Text Section 6 - Drawings Circle Copy Move Array Explode Extent Rotate Fillet Align Break Chamfer Divide Measure Scale Polygon Point Section 7 - Parametric

constrains Geometric Dimensional Manage Section 8 - Inquiry & Dimensional Smart Dimension List Angle Distance Volume Area Radius Linear Aligned Diameter Arc length Qleader Osnap Setting (Geometric center) MVC (Model-View-Controller) is the popular Microsoft technology which enables you to build dynamic, data-driven, mobile websites, TDD site. Hands-On with ASP.NET MVC is not only written for those who are going to have affair with MVC for the 1st time, rather it is written in such a way that even experienced professional will love reading this book. This book covers all the tiny steps on using MVC at its best. With complete practical tutorials to illustrate the concepts, you will step by step build one End to End application which covers below mentioned techniques - Controllers, Views, Models, Forms and HTML helpers, Data annotation and Validation, Membership, Authorization, Security rather you will also learn how to bootstrap your design, then how to host the app in AZURE, Web API and Dependency Injection. It also covers MVC 5 and MVC 6 features like, • Mobile optimization, • Improved Scaffolding, • ASP.Net Identity, • One ASP.Net, Bootstrap • Common framework for MVC, • Web API and WebPages, • Self hosting, • Cloud Optimized, • No Build Dependency, • Cross platform support, • And many more out of the box things.

ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Summary Fully updated to ASP.NET 5.0, ASP.NET Core in Action, Second Edition is a hands-on primer to building cross-platform web applications with your C# and .NET skills. Even if you've never worked with ASP.NET you'll start creating productive cross-platform web apps fast. And don't worry about late-breaking changes to ASP.NET Core. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Build full-stack web applications that run anywhere. Developers love ASP.NET Core for its libraries and pre-built components that maximize productivity. Version 5.0 offers new features for server-side apps, as well as background services for cross-platform development. About the book ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Illustrations and annotated code make learning visual and easy. Master logins, dependency injection, security, and more. This updated edition covers the latest features, including Razor Pages and the new hosting paradigm. What's inside Developing apps for Windows and non-Windows servers Configuring applications Building custom components Logging, testing, and security About the reader For intermediate C# developers. About the author Andrew Lock is a Microsoft MVP who has worked with ASP.NET Core since before its first release. Table of Contents PART 1 - GETTING STARTED WITH ASP.NET CORE 1 Getting started with ASP.NET Core 2 Your first application 3 Handling requests with the middleware pipeline 4 Creating a website with Razor Pages 5 Mapping URLs to Razor Pages using routing 6 The binding model: Retrieving and validating user input 7 Rendering HTML using Razor views 8 Building forms with Tag Helpers 9 Creating a Web API for mobile and client applications using MVC PART 2 - BUILDING COMPLETE APPLICATIONS 10 Service configuration with dependency injection 11 Configuring an ASP.NET Core application 12 Saving data with Entity Framework Core 13 The MVC and Razor Pages filter pipeline 14 Authentication: Adding users to your application with Identity 15 Authorization: Securing your application 16 Publishing and deploying your application PART 3 - EXTENDING YOUR APPLICATIONS 17 Monitoring and troubleshooting errors with logging 18 Improving your application's security 19 Building custom components 20 Building custom MVC and Razor Pages components 21 Calling remote APIs with IHttpConnectionFactory 22 Building background tasks and services 23 Testing your application

Take the fear out of your interview and never be stuck for the right answer to even the toughest questions with The Interview Question and Answer Book. The job market is fierce, competition has never been greater and it's vital that you can grab every opportunity for competitive advantage and stay one step ahead. Interviewers are looking for people who really stand out, and here's your chance to be different from the rest. Written by one of the UK's leading careers experts and bestselling author of The Interview Book, this definitive guide to questions and answers encourages every job-hunter to think on your feet and express your individuality whilst supplying ideal responses to interview questions so that you're seen as the ideal candidate for the job. Object-Oriented Programming in C++ begins with the basic principles of the C++ programming language and systematically introduces increasingly advanced topics while illustrating the OOP methodology. While the structure of this book is similar to that of the previous edition, each chapter reflects the latest ANSI C++ standard and the examples have been thoroughly revised to reflect current practices and standards. Educational Supplement Suggested solutions to the programming projects found at the end of each chapter are made available to instructors at recognized educational institutions. This educational supplement can be found at www.prenhall.com, in the Instructor Resource Center.

Build cross-platform solutions with .NET Core 2.0 through real-life scenarios Key Features Bridges the gap between learning and doing and improves your software development skills Covers the best practices of .NET development to improve your productivity Example-based approach to get you started quickly with software programming Book Description With the rise in the number of tools and technologies available today, developers and architects are always exploring ways to create better and smarter solutions. Before, the differences between target platforms was a major roadblock, but that's not the case now. .NET Core 2.0 By Example will take you on an exciting journey to building better software. This book provides fresh and relevant content to .NET Core 2.0 in a succinct format that's enjoyable to read. It also delivers concepts, along with the implications, design decisions, and potential pitfalls you might face when targeting Linux and Windows systems, in a logical and simple way. With the .NET framework at its center, the book comprises of five varied projects: a multiplayer Tic-tac-toe game; a real-time chat application, Let'sChat; a chatbot; a microservice-based buying-selling application; and a movie booking application. You will start each chapter with a high-level overview of the content,

followed by the above example applications described in detail. By the end of each chapter, you will not only be proficient with the concepts, but you'll also have created a tangible component in the application. By the end of the book, you will have built five solid projects using all the tools and support provided by the .NET Core 2.0 framework. What you will learn Build cross-platform applications with ASP.NET Core 2.0 and its tools Integrate, host, and deploy web apps with the cloud (Microsoft Azure) Leverage the ncurses native library to extend console capabilities in .NET Core on Linux and interop with native code .NET Core on Linux and learn how to interop with existing native code Reuse existing .NET Framework and Mono assemblies from .NET Core 2.0 applications Develop real-time web applications using ASP.NET Core Learn the differences between SOA and microservices and get started with microservice development using ASP.NET Core 2.0 Walk through functional programming with F# and .NET Core from scratch Who this book is for If you are a developer or architect and want to learn how to build cross-platform solutions using Microsoft .NET Core, this book is for you. It is assumed that you have some knowledge of the .NET Framework, OOP, and C# (or a similar programming language).

"Congratulations! You are going to WIN your next SQL Server interview. "SQL The One" book can guide you to achieve the success in your next interview. This book covers Microsoft SQL Server interview experiences, questions and answers for a range of SQL DBA's and SQL Server Professionals. All of these questions have been collected from the people who attended interviews at various multinational companies across the world. It also covers "How to prepare for a SQL DBA interview?" and "How to become an expert in your career?" Salient Features of Book All interview questions are asked in various MNC Covers 1090 real time questions and answers 254 questions on SQL Server Performance Tuning Covers all SQL Server HA & DR features 316 questions on SQL Server HA & DR features Lots of scenario based questions Covers SQL Server 2005, 2008, 2008 R2, 2012, 2014 and 2016 Questions are categorized In-depth explanations An Interview Experience with Microsoft Useful as a reference guide for SQL DBA Interview preparation

Learn the basics of most favoured dynamic language for application development Key Features Major reorganisation of chapters with a view to improve comprehension of concepts involved Comprehensive coverage of all the concepts of Core Java Simple language, crystal clear approach, user-friendly book Concepts are duly supported by several examples and self-explanatory analogies. Description Java Language is very popularly used for creating applications for PC, Laptop, Tablet, Web and Mobile world Learning a language that can work on so many different platforms can be a challenge. This is where you would find this book immediately useful. It follows a simple and easy narration style. It doesn't assume any programming background. It begins with the basics and steadily builds the pace so that the reader finds it easy to handle complex topics towards the end. Each chapter has been designed to create a deep and lasting impression on the reader's mind. Object-Oriented Programming has been covered in detail to give a strong foundation for Java Programming. Well thought out and fully working example programs and carefully crafted exercises of this book, cover every aspect of Java programming. What will you learn Data types & Control Instructions Classes & Objects Arrays & Strings Inheritance & Polymorphism Interfaces, Packages Exception Handling, Effective IO Multithreading & Synchronization Generics, Collection classes, GUI Using Swing Database Connectivity Using JDBC Who this book is for This book will prove to be a "must have" for beginners as well as experienced professionals as it is a stepping stone for learning Java technology. Table of Contents 1. An Overview of Java 2. Getting Started 3. Java Data Types and Instructions 4. Decision Control Instruction 5. Loop Control Instruction 6. Case-Control Instruction 7. Functions 8. Advanced Features of Functions 9. Introduction to OOP 10. Classes and Objects 11. Arrays 12. Strings and Enums 13. Inheritance 14. Polymorphism 15. Exception Handling 16. Effective Input/ Output 17. Multithreading In Java 18. Generics 19. Collection Classes 20. User Interfaces 21. JDBC 22. Index About the Author Yashavant Kanetkar Through his books and Quest Video Courses on C, C++, Java, Python, Data Structures, .NET, IoT, etc. Yashavant Kanetkar has created, molded and groomed lacs of IT careers in the last three decades. Yashavant's books and Quest videos have made a significant contribution in creating top-notch IT manpower in India and abroad. Yashavant's books are globally recognized and millions of students/professionals have benefitted from them. Yashavant's books have been translated into Hindi, Gujarati, Japanese, Korean and Chinese languages. Many of his books are published in India, USA, Japan, Singapore, Korea and China. Yashavant is a much sought after speaker in the IT field and has conducted seminars/workshops at TedEx, IITs, IIITs, NITs and global software companies. His LinkedIn profile: [linkedin.com/in/yashavant-kanetkar-9775255](https://www.linkedin.com/in/yashavant-kanetkar-9775255)

If you are looking for an architecture job role then this is the book. It concentrates on technical and non-technical points to be looked out when you are looking for architecture role. We are sure this will be the only friend during your success and failures while searching an architecture level job. This book starts with basic architecture interview questions and the covers OOP, UML, Design Patterns, SOA, load balancing and Estimation sections. Design patterns is one the most asked section when you go for an architect position. A complete chapter with 30 patterns does full justice to this section. We have also shipped sample code for all 30 design patterns. Design document is one of the biggest deliverable from a technical architect. No design document is complete with out UML diagrams and no technical architect interview will be complete with out UML. A complete chapter on UML diagrams will upgrade you in few hours to face any kind of UML questions. SOA is of the popular section in every architect interview. A dedicated chapter on SOA covering ESB, WS -, Governance etc does full justice to this section. A technical architect is not supposed to handle project management activities in ideal world, but he will always be a part of the estimation section of the project during project proposal. Nice and sweet chapter on estimation covering function points, use case points and COCOMO does full justice to the estimation section. Even though OOP is basic many architects fail to answer them. It is mandatory that a technical architect should be able to answer all OOP interview questions. We have dedicated a complete chapter for OOP which covers the most asked question in OOP. The best part of the book is other than technical aspect it also covers points regarding salary negotiation, salary break ups according to industry standards, resume making (with a sample resume), interview rating sheet, salary standards and common IT HR questions for technical architects. It includes sample.

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