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# Mongodb 4 Quick Start Guide Learn The Skills You

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Core Python Applications Programming  
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C, C++, Java, Python, PHP, JavaScript and Linux For Beginners  
Big Data Infrastructure Technologies for Data Analytics  
Datadog Cloud Monitoring Quick Start Guide  
MongoDB and Python  
The Definitive Guide to MongoDB

MongoDB: The Definitive Guide

MongoDB Fundamentals

Guide to Cloud Computing

MongoDB Applied Design Patterns

IBM WebSphere Application Server V8.5 Administration and Configuration Guide for Liberty Profile

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Guide Learn The Skills  
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## LUCIANA SIENA

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**9 Practical Node.js Projects** Packt  
Publishing Ltd

"An Introduction to Programming Languages and Operating Systems for Novice Coders" An ideal addition to your personal library. With the aid of this indispensable reference book, you may quickly gain a grasp of Python, Java, JavaScript, C, C++, CSS, Data Science,

HTML, LINUX and PHP. It can be challenging to understand the programming language's distinctive advantages and charms. Many programmers who are familiar with a variety of languages frequently approach them from a constrained perspective rather than enjoying their full expressivity. Some programmers incorrectly use Programmatic features, which can later result in serious issues. The programmatic method of writing programs—the ideal approach to use

programming languages—is explained in this book. This book is for all programmers, whether you are a novice or an experienced pro. Its numerous examples and well paced discussions will be especially beneficial for beginners. Those who are already familiar with programming will probably gain more from this book, of course. I want you to be prepared to use programming to make a big difference. "C, C++, Java, Python, PHP, JavaScript and Linux For Beginners" is a comprehensive guide to programming languages and operating systems for those who are new to the world of coding. This easy-to-follow book is designed to help readers learn the basics of programming and Linux operating system, and to gain confidence in their coding abilities. With

clear and concise explanations, readers will be introduced to the fundamental concepts of programming languages such as C, C++, Java, Python, PHP, and JavaScript, as well as the basics of the Linux operating system. The book offers step-by-step guidance on how to write and execute code, along with practical exercises that help reinforce learning. Whether you are a student or a professional, "C, C++, Java, Python, PHP, JavaScript and Linux For Beginners" provides a solid foundation in programming and operating systems. By the end of this book, readers will have a solid understanding of the core concepts of programming and Linux, and will be equipped with the knowledge and skills to continue learning and exploring the exciting world of coding.

### Core Python Applications Programming No Starch Press

The Software Engineer's Guide to Acing Interviews: Software Interview Questions You'll Most Likely Be Asked "Mastering the Interview: 80 Essential Questions for Software Engineers" is a comprehensive guide designed to help software engineers excel in job interviews and secure their dream positions in the highly competitive tech industry. This book is an invaluable resource for both entry-level and experienced software engineers who want to master the art of interview preparation. This book provides a carefully curated selection of 80 essential questions that are commonly asked during software engineering interviews. Each question is thoughtfully crafted to assess the

candidate's technical knowledge, problem-solving abilities, and overall suitability for the role. This book goes beyond just providing a list of questions. It offers in-depth explanations, detailed sample answers, and insightful tips on how to approach each question with confidence and clarity. The goal is to equip software engineers with the skills and knowledge necessary to impress interviewers and stand out from the competition. "Mastering the Interview: 80 Essential Questions for Software Engineers" is an indispensable guide that empowers software engineers to navigate the interview process with confidence, enhance their technical prowess, and secure the job offers they desire. Whether you are a seasoned professional or a recent graduate, this

book will significantly improve your chances of acing software engineering interviews and advancing your career in the ever-evolving world of technology.

**Mastering MongoDB 4.x** SitePoint Pty Ltd

The Definitive Guide to MongoDB, Second Edition, is updated for the latest version and includes all of the latest MongoDB features, including the aggregation framework introduced in version 2.2 and hashed indexes in version 2.4. MongoDB is the most popular of the "Big Data" NoSQL database technologies, and it's still growing. David Hows from 10gen, along with experienced MongoDB authors Peter Membrey and Eelco Plugge, provide their expertise and experience in teaching you everything you need to

know to become a MongoDB pro.

*Mongoose for Application Development*  
Packt Publishing Ltd

MongoDB, a cross-platform NoSQL database, is the fastest-growing new database in the world. MongoDB provides a rich document-oriented structure with dynamic queries that you'll recognize from RDBMS offerings such as MySQL. In other words, this is a book about a NoSQL database that does not require the SQL crowd to re-learn how the database world works!

MongoDB has reached 1.0 and boasts 50,000+ users. The community is strong and vibrant and MongoDB is improving at a fast rate. With scalable and fast databases becoming critical for today's applications, this book shows you how to install, administer and program

MongoDB without pretending SQL never existed.

### Oracle Blockchain Quick Start Guide

"O'Reilly Media, Inc."

This comprehensive guide book begins by explaining what makes MongoDB unique. A series of tutorials designed for MongoDB mastery then leads into detailed examples for leveraging MongoDB in e-commerce, social networking, analytics, and other common applications.

### **Computational Methods in Science and Technology**

Manning Publications  
A fast paced guide that will help you to create, read, update and delete data using MongoDB Key Features Create secure databases with MongoDB Manipulate and maintain your database Model and use data in a No SQL

environment with MongoDB Book Description MongoDB has grown to become the de facto NoSQL database with millions of users, from small start-ups to Fortune 500 companies. It can solve problems that are considered difficult, if not impossible, for aging RDBMS technologies. Written for version 4 of MongoDB, this book is the easiest way to get started with MongoDB. You will start by getting a MongoDB installation up and running in a safe and secure manner. You will learn how to perform mission-critical create, read, update, and delete operations, and set up database security. You will also learn about advanced features of MongoDB such as the aggregation pipeline, replication, and sharding. You will learn how to build a simple web application

that uses MongoDB to respond to AJAX queries, and see how to make use of the MongoDB programming language driver for PHP. The examples incorporate new features available in MongoDB version 4 where appropriate. What you will learn

- Get a standard MongoDB database up and running quickly
- Perform simple CRUD operations on the database using the MongoDB command shell
- Set up a simple aggregation pipeline to return subsets of data grouped, sorted, and filtered
- Safeguard your data via replication and handle massive amounts of data via sharding
- Publish data from a web form to the database using a program language driver
- Explore the basic CRUD operations performed using the PHP MongoDB driver

Who this book is for  
Web developers, IT professionals and

Database Administrators (DBAs) who want to learn how to create and manage MongoDB databases.

Learn MongoDB 4.x "O'Reilly Media, Inc."

Design, administer, and deploy high-volume and fault-tolerant database applications using MongoDB 4.x

- Key Features
- Build a powerful and scalable MongoDB database using real industry data
- Understand the process of designing NoSQL schema with the latest release of MongoDB 4.x
- Explore the ins and outs of MongoDB, including queries, replication, sharding, and vital admin tasks

Book Description  
When it comes to managing a high volume of unstructured and non-relational datasets, MongoDB is the defacto database management system (DBMS) for DBAs and data architects. This updated book includes the latest



release and covers every feature in MongoDB 4.x, while helping you get hands-on with building a MongoDB database app. You'll get to grips with MongoDB 4.x concepts such as indexes, database design, data modeling, authentication, and aggregation. As you progress, you'll cover tasks such as performing routine operations when developing a dynamic database-driven website. Using examples, you'll learn how to work with queries and regular database operations. The book will not only guide you through design and implementation, but also help you monitor operations to achieve optimal performance and secure your MongoDB database systems. You'll also be introduced to advanced techniques such as aggregation, map-reduce, complex

queries, and generating ad hoc financial reports on the fly. Later, the book shows you how to work with multiple collections as well as embedded arrays and documents, before finally exploring key topics such as replication, sharding, and security using practical examples. By the end of this book, you'll be well-versed with MongoDB 4.x and be able to perform development and administrative tasks associated with this NoSQL database. What you will learn

Understand how to configure and install MongoDB 4.x  
Build a database-driven website using MongoDB as the backend  
Perform basic database operations and handle complex MongoDB queries  
Develop a successful MongoDB database design for large corporate customers with complex requirements  
Secure MongoDB database

systems by establishing role-based access control with X.509 transport-level security Optimize reads and writes directed to a replica set or sharded cluster Perform essential MongoDB administration tasks Maintain database performance through monitoring Who this book is for This book is a MongoDB tutorial for DevOps engineers, database developers, database administrators, system administrators and those who are just getting started with NoSQL and looking to build document-oriented databases and gain real-world experience in managing databases using MongoDB. Basic knowledge of databases and Python is required to get started with this DBMS book.

Practical Azure Functions SitePoint Pty Ltd

A beginner's guide to get you up and running with Cassandra, DynamoDB, HBase, InfluxDB, MongoDB, Neo4j, and Redis Key Features Covers the basics of 7 NoSQL databases and how they are used in the enterprises Quick introduction to MongoDB, DynamoDB, Redis, Cassandra, Neo4j, InfluxDB, and HBase Includes effective techniques for database querying and management Book Description This is the golden age of open source NoSQL databases. With enterprises having to work with large amounts of unstructured data and moving away from expensive monolithic architecture, the adoption of NoSQL databases is rapidly increasing. Being familiar with the popular NoSQL databases and knowing how to use them is a must for budding DBAs and

developers. This book introduces you to the different types of NoSQL databases and gets you started with seven of the most popular NoSQL databases used by enterprises today. We start off with a brief overview of what NoSQL databases are, followed by an explanation of why and when to use them. The book then covers the seven most popular databases in each of these categories: MongoDB, Amazon DynamoDB, Redis, HBase, Cassandra, InfluxDB, and Neo4j. The book doesn't go into too much detail about each database but teaches you enough to get started with them. By the end of this book, you will have a thorough understanding of the different NoSQL databases and their functionalities, empowering you to select and use the right database according to

your needs. What you will learn

- Understand how MongoDB provides high-performance, high-availability, and automatic scaling
- Interact with your Neo4j instances via database queries, Python scripts, and Java application code
- Get familiar with common querying and programming methods to interact with Redis
- Study the different types of problems Cassandra can solve
- Work with HBase components to support common operations such as creating tables and reading/writing data
- Discover data models and work with CRUD operations using DynamoDB
- Discover what makes InfluxDB a great choice for working with time-series data

Who this book is for

If you are a budding DBA or a developer who wants to get started with the fundamentals of NoSQL databases, this

book is for you. Relational DBAs who want to get insights into the various offerings of popular NoSQL databases will also find this book to be very useful.

### **Seven NoSQL Databases in a Week**

Packt Publishing Ltd

This is a hands-on book which introduces you to agile JavaScript web and mobile software development using the latest cutting-edge front-end and back-end technologies including: Node.js, MongoDB, Backbone.js, Parse.com, Heroku and Windows Azure. Practical examples include building multiple versions of the Chat app: •jQuery + Parse.com JS REST API •Backbone and Parse.com JS SDK •Backbone and Node.js •Backbone and Node.js + MongoDB The Chat application has all the foundation of a typical web/mobile

application: fetching data, displaying it, submitting new data. Other examples in the book are as follows: •jQuery + Twitter RESP API “Tweet Analyzer” •Parse.com “Save John” •MongoDB “Print Collections” •Backbone.js “Apple Database” •Monk + Express.js “REST API Server” This book will save you many hours by providing a hand-picked and tested collection of quick start guides. RPJS has practical examples that allow to spend less time learning and more time building your own applications. Prototype fast and ship code that matters! What You will Learn: You should expect a basic understanding from a collection of quick start guides, tutorials and suggestions for the development apps discussed in this book. In addition

to coding examples, the book covers virtually all setup and deployment step-by-step. You'll learn from the examples of Chat web/mobile applications starting with front-end components and by the end we'll put front-end and back-end together and deploy to the production environment. Who This Book is For: The typical programmer who wants to learn more about effective JavaScript coding. *Full Stack JavaScript* CRC Press

Start developing Azure Functions and building simple solutions for serverless computing without worrying about infrastructure. With the increased need for deploying serverless computing, Azure Functions integrates with other Azure resources. This book is a quick reference and consists of a practical and problem-driven approach with the latest

technology. Guided by step-by-step explanations and sample projects, you'll set up, build, and deploy Azure Functions to get the most out of this compute-on-demand service. After a foundational introduction to Azure Functions you'll prepare a development environment to serve and process an IoT Telemetry system, create Microservices, and monitor Azure Functions services to get application insights. What You'll Learn

Review the Interaction between Azure Functions and Azure data services

Apply Azure Functions in web applications and build interaction systems for mobile applications

Develop a serverless micro-service

Serve and process IoT Telemetry systems

Monitor Azure Functions services and get application insights

Who This Book Is For

Developers, students, professionals and anyone interested in Azure Function technology and the Azure platform.

### **Learn Vue.js: The Collection**

Manjunath.R

This book contains the proceedings of the 4TH International Conference on Computational Methods in Science and Technology (ICCMST 2024). The proceedings explores research and innovation in the field of Internet of things, Cloud Computing, Machine Learning, Networks, System Design and Methodologies, Big Data Analytics and Applications, ICT for Sustainable Environment, Artificial Intelligence and it provides real time assistance and security for advanced stage learners, researchers and academicians has been presented. This will be a valuable read to

researchers, academicians, undergraduate students, postgraduate students, and professionals within the fields of Computer Science, Sustainability and Artificial Intelligence. [Google Cloud AI Services Quick Start Guide](#) Packt Publishing Ltd  
Learn how to quickly generate business intelligence, insights and create interactive dashboards for digital storytelling through various data sources with Redash Key Features Learn the best use of visualizations to build powerful interactive dashboards Create and share visualizations and data in your organization Work with different complexities of data from different data sources Book Description Data exploration and visualization is vital to Business Intelligence, the backbone of

almost every enterprise or organization. Redash is a querying and visualization tool developed to simplify how marketing and business development departments are exposed to data. If you want to learn to create interactive dashboards with Redash, explore different visualizations, and share the insights with your peers, then this is the ideal book for you. The book starts with essential Business Intelligence concepts that are at the heart of data visualizations. You will learn how to find your way round Redash and its rich array of data visualization options for building interactive dashboards. You will learn how to create data storytelling and share these with peers. You will see how to connect to different data sources to process complex data, and then

visualize this data to reveal valuable insights. By the end of this book, you will be confident with the Redash dashboarding tool to provide insight and communicate data storytelling. What you will learn  
Install Redash and troubleshoot installation errors  
Manage user roles and permissions  
Fetch data from various data sources  
Visualize and present data with Redash  
Create active alerts based on your data  
Understand Redash administration and customization  
Export, share and recount stories with Redash visualizations  
Interact programmatically with Redash through the Redash API  
Who this book is for  
This book is intended for Data Analysts, BI professionals and Data Developers, but can be useful to anyone who has a basic knowledge of SQL and a

creative mind. Familiarity with basic BI concepts will be helpful, but no knowledge of Redash is required.

**Redash v5 Quick Start Guide** Packt Publishing Ltd

You can choose several data access frameworks when building Java enterprise applications that work with relational databases. But what about big data? This hands-on introduction shows you how Spring Data makes it relatively easy to build applications across a wide range of new data access technologies such as NoSQL and Hadoop. Through several sample projects, you'll learn how Spring Data provides a consistent programming model that retains NoSQL-specific features and capabilities, and helps you develop Hadoop applications across a wide range of use-cases such as

data analysis, event stream processing, and workflow. You'll also discover the features Spring Data adds to Spring's existing JPA and JDBC support for writing RDBMS-based data access layers. Learn about Spring's template helper classes to simplify the use of database-specific functionality Explore Spring Data's repository abstraction and advanced query functionality Use Spring Data with Redis (key/value store), HBase (column-family), MongoDB (document database), and Neo4j (graph database) Discover the GemFire distributed data grid solution Export Spring Data JPA-managed entities to the Web as RESTful web services Simplify the development of HBase applications, using a lightweight object-mapping framework Build example big-data pipelines with Spring Batch and



Spring Integration

[MongoDB Recipes](#) Manning Publications

Since its release in 2014, Vue.js has seen a meteoric rise to popularity and is now considered one of the primary front-end frameworks, and not without good reason. Its component-based architecture was designed to be flexible and easy to adopt, making it just as easy to integrate into projects and use alongside non-Vue code as it is to build complex client-side applications. This book contains a selection of 11 practical projects covering different aspects of working with Vue. It contains: Build a Basic CRUD App with Vue.js, Node and MongoDB by James Hibbard Creating Beautiful Charts Using Vue.js Wrappers for Chart.js by Yomi Eluwande Build a Real-time Chat App with Pusher and

Vue.js by Michael Wanyoike Building a Vue Front End for a Headless CMS by Michael Wanyoike How to Build a Chrome Extension with Vue by James Hibbard Build Your Own Link-sharing Site with Nuxt.js and vue-kindergarten by Nilson Jacques An Introduction to Data Visualization with Vue and D3.js by Christopher Vundi How to Build a Reusable Component with Vue by Deji Atoyebi How to Build a Game with Vue.js by Ivaylo Gerchev Build a Shopping List App with Vue, Vuex and Bootstrap Vue by Michael Wanyoike How to Develop and Test Vue Components with Storybook by Ivaylo Gerchev [MongoDB 4 Quick Start Guide](#) Packt Publishing Ltd

Every developer wants to build modular and scalable web applications. Modern

versions of the JavaScript language have made this possible in Node.js, and Koa is a Node.js framework that makes it easy. This book is the ideal introduction for JavaScript developers who want to create scalable serverside applications using Node.js and Koa.js.

**MongoDB in Action** Packt Publishing Ltd

IBM® WebSphere® Application Server V8.5 includes a Liberty profile, which is a highly composable, dynamic application server profile. It is designed for two specific use cases: Developers with a smaller production runtime, and production environments. For developers, it focuses on the tasks that a developer does most frequently, and makes it possible for the developer to complete those tasks as quickly and as

simply as possible. For production environments, it provides a dynamic, small footprint runtime to be able to maximize system resources. This IBM Redbooks® publication targets administrators of Liberty environments. It provides the information needed to create, configure, and manage Liberty servers. It includes information about managing multiple servers in an installation, including the use of the new administrative capabilities introduced in WebSphere Application Server V8.5.5.7. The following publications are companion publications for this book: WebSphere Application Server: New Features in V8.5.5, REDP-4870 WebSphere Application Server V8.5.5 Technical Overview, REDP-4855 IBM WebSphere Application Server V8.5

Concepts, Planning, and Design Guide, SG24-8022 WebSphere Application Server Liberty Profile Guide for Developers, SG24-8076

**MongoDB Complete Guide** Packt Publishing Ltd

Rev. ed. of: Core Python programming / Wesley J. Chun. c2007.

*Practical Microservices Architectural Patterns* Apress

Manage the huMONGOus amount of data collected through your web application with MongoDB. This authoritative introduction—written by a core contributor to the project—shows you the many advantages of using document-oriented databases, and demonstrates how this reliable, high-performance system allows for almost infinite horizontal scalability. This

updated second edition provides guidance for database developers, advanced configuration for system administrators, and an overview of the concepts and use cases for other people on your project. Ideal for NoSQL newcomers and experienced MongoDB users alike, this guide provides numerous real-world schema design examples. Get started with MongoDB core concepts and vocabulary Perform basic write operations at different levels of safety and speed Create complex queries, with options for limiting, skipping, and sorting results Design an application that works well with MongoDB Aggregate data, including counting, finding distinct values, grouping documents, and using MapReduce Gather and interpret

statistics about your collections and databases Set up replica sets and automatic failover in MongoDB Use sharding to scale horizontally, and learn how it impacts applications Delve into monitoring, security and authentication, backup/restore, and other administrative tasks

*Spring Data* "O'Reilly Media, Inc."

Take your distributed applications to the next level and see what the reference architectures associated with microservices can do for you. This book begins by showing you the distributed computing architecture landscape and provides an in-depth view of microservices architecture. Following this, you will work with CQRS, an essential pattern for microservices, and get a view of how distributed messaging

works. Moving on, you will take a deep dive into Spring Boot and Spring Cloud. Coming back to CQRS, you will learn how event-driven microservices work with this pattern, using the Axon 2 framework. This takes you on to how transactions work with microservices followed by advanced architectures to address non-functional aspects such as high availability and scalability. In the concluding part of the book you develop your own enterprise-grade microservices application using the Axon framework and true BASE transactions, while making it as secure as possible. What You Will Learn Shift from monolith architecture to microservices Work with distributed and ACID transactions Build solid architectures without two-phase commit transactions Discover the high

availability principles in microservices  
Who This Book Is For Java developers with basic knowledge of distributed and multi-threaded application architecture, and no knowledge of Spring Boot or Spring Cloud. Knowledge of CQRS and event-driven architecture is not mandatory as this book will cover these in depth.

*Next.js Quick Start Guide Apress*

Learn how to leverage MongoDB with your Python applications, using the hands-on recipes in this book. You get complete code samples for tasks such as making fast geo queries for location-based apps, efficiently indexing your user documents for social-graph lookups, and many other scenarios. This guide explains the basics of the document-oriented database and shows you how to

set up a Python environment with it. Learn how to read and write to MongoDB, apply idiomatic MongoDB and Python patterns, and use the database with several popular Python web frameworks. You'll discover how to model your data, write effective queries, and avoid concurrency problems such as race conditions and deadlocks. The recipes will help you: Read, write, count, and sort documents in a MongoDB collection Learn how to use the rich MongoDB query language Maintain data integrity in replicated/distributed MongoDB environments Use embedding to efficiently model your data without joins Code defensively to avoid keyerrors and other bugs Apply atomic operations to update game scores, billing systems, and more with the fast accounting

pattern Use MongoDB with the Pylons

1.x, Django, and Pyramid web  
frameworks