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# Nosql Web Development With Apache Cassandra By Deepak Vohra

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CouchDB: The Definitive Guide

Professional NoSQL

Quick Start Full Stack Web Development

Practical Web Development

Next Generation Databases

Building Modern Web Applications With Jakarta  
EE, NoSQL Databases and Microservices

Scaling Big Data with Hadoop and Solr - Second  
Edition

Demystifying Big Data and Machine Learning for  
Healthcare

Computer Science - CACIC 2020

Pro MongoDB Development

EXist

Django: Web Development with Python

Elasticsearch 5.x Cookbook

Node.js, MongoDB and Angular Web Development

Computing in Research and Development in  
Africa

Pro Docker

A Deep Dive into NoSQL Databases: The Use  
Cases and Applications

Web Development with Node and Express  
PHP and MongoDB Web Development Beginner's  
Guide  
Complete Guide to Open Source Big Data Stack  
Node.js, MongoDB, and AngularJS Web  
Development  
Cassandra Succinctly  
Introduction to Bioinformatics and Clinical  
Scientific Computing  
NoSQL Distilled  
The Web Development Glossary  
Emerging Technologies and Applications in Data  
Processing and Management  
Database Fundamentals for Java Programmers  
Cassandra: The Definitive Guide  
MongoDB 60 Success Secrets - 60 Most Asked  
Questions on MongoDB - What You Need to Know  
Stay Relevant in 2020 - Java Developer 1000+  
Unique Real Life Challenges and Interview  
Questions  
Pro MERN Stack  
MongoDB and PHP  
Full Stack FastAPI, React, and MongoDB  
CouchDB and PHP Web Development Beginner's  
Guide  
NoSQL Web Development with Apache Cassandra  
Learn MongoDB 4.x  
Apache HBase Primer  
Building Modern Web Applications With Jakarta  
EE, NoSQL Databases and Microservices  
International Joint Conference

Nosql Web  
Development  
With Apache  
Cassandra  
By Deepak  
Vohra

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## SUMMERS TOMMY

CouchDB: The Definitive Guide  
Addison-Wesley  
Professional  
"Database programming and design are core competencies expected of every Java programmer. This code-oriented course moves you toward competency by providing a detailed overview of how to program for the two most common types

of database systems used today: The traditional relational RDBMS systems (e.g. Oracle, SQL Server, and PostgreSQL) and the now popular non-relational NoSQL systems (e.g. Mongo DB and Apache Cassandra). Filled with hands-on action, you'll work with three databases: SQLite3 (relational), PostgreSQL (relational), and MongoDB (NoSQL) and three APIs: JDBC, JPA, and

the Java API for MongoDB. In addition, the course also covers the basics of schema design and normalization in RDBMSes." -Resource description page.  
*Professional NoSQL*  
Pearson Education  
"It's not easy to find such a generous book on big data and databases. Fortunately, this book is the one." Feng Yu. Computing Reviews. June 28, 2016. This is a book for enterprise architects,

database administrators, and developers who need to understand the latest developments in database technologies. It is the book to help you choose the correct database technology at a time when concepts such as Big Data, NoSQL and NewSQL are making what used to be an easy choice into a complex decision with significant implications. The relational database (RDBMS) model

completely dominated database technology for over 20 years. Today this "one size fits all" stability has been disrupted by a relatively recent explosion of new database technologies. These paradigm-busting technologies are powering the "Big Data" and "NoSQL" revolutions, as well as forcing fundamental changes in databases across the board. Deciding to use a relational

database was once truly a no-brainer, and the various commercial relational databases competed on price, performance, reliability, and ease of use rather than on fundamental architectures. Today we are faced with choices between radically different database technologies. Choosing the right database today is a complex undertaking, with serious economic and technological

consequences . Next Generation Databases demystifies today's new database technologies. The book describes what each technology was designed to solve. It shows how each technology can be used to solve real word application and business problems. Most importantly, this book highlights the architectural differences between technologies that are the

critical factors to consider when choosing a database platform for new and upcoming projects. Introduces the new technologies that have revolutionized the database landscape Describes how each technology can be used to solve specific application or business challenges Reviews the most popular new wave databases and how they use these new database technologies

*Quick Start Full Stack Web Development* CRC Press 'NoSQL Distilled' is designed to provide you with enough background on how NoSQL databases work, so that you can choose the right data store without having to trawl the whole web to do it. It won't answer your questions definitively, but it should narrow down the range of options you have to consider. **Practical Web**

**Development**

Apress  
This volume of  
Advances in  
Intelligent and  
Soft  
Computing  
contains  
accepted  
papers  
presented at  
the 8th  
International  
Conference on  
Computational  
Intelligence in  
Security for  
Information  
Systems  
(CISIS 2015)  
and the 6th  
International  
Conference on  
European  
Transnational  
Education  
(ICEUTE  
2015). These  
conferences  
were held in  
the beautiful  
and historic

city of Burgos  
(Spain), in  
June 2015.  
The aim of the  
8th CISIS  
conference is  
to offer a  
meeting  
opportunity  
for academic  
and industry-  
related  
researchers  
belonging to  
the various,  
vast  
communities  
of  
Computational  
Intelligence,  
Information  
Security, and  
Data Mining.  
The need for  
intelligent,  
flexible  
behaviour by  
large, complex  
systems,  
especially in  
mission-  
critical

domains, is  
intended to be  
the catalyst  
and the  
aggregation  
stimulus for  
the overall  
event. After a  
through peer-  
review  
process, the  
CISIS 2015  
International  
Program  
Committee  
selected 43  
papers,  
written by  
authors from  
16 different  
countries. In  
the case of  
6th ICEUTE  
conference,  
the  
International  
Program  
Committee  
selected 12  
papers (from 7  
countries).  
These papers

are published in present conference proceedings, achieving an acceptance rate of about 39%. The selection of papers was extremely rigorous in order to maintain the high quality of the conference and we would like to thank the members of the Program Committees for their hard work in the reviewing process. This is a crucial process to the creation of a high standard conference

and the CISIS and ICEUTE conferences would not exist without their help. *Next Generation Databases* "O'Reilly Media, Inc." Imagine what you could do if scalability wasn't a problem. With this hands-on guide, you'll learn how the Cassandra database management system handles hundreds of terabytes of data while remaining highly available across multiple data

centers. This expanded second edition—updated for Cassandra 3.0—provides the technical details and practical examples you need to put this database to work in a production environment. Authors Jeff Carpenter and Eben Hewitt demonstrate the advantages of Cassandra's non-relational design, with special attention to data modeling. If you're a developer, DBA, or

application architect looking to solve a database scaling issue or future-proof your application, this guide helps you harness Cassandra's speed and flexibility. Understand Cassandra's distributed and decentralized structure Use the Cassandra Query Language (CQL) and cqlsh—the CQL shell Create a working data model and compare it with an

equivalent relational model Develop sample applications using client drivers for languages including Java, Python, and Node.js Explore cluster topology and learn how nodes exchange data Maintain a high level of performance in your cluster Deploy Cassandra on site, in the Cloud, or with Docker Integrate Cassandra with Spark, Hadoop, Elasticsearch,

Solr, and Lucene  
**Building Modern Web Applications With Jakarta EE, NoSQL Databases and Microservices** "O'Reilly Media, Inc." Healthcare transformation requires us to continually look at new and better ways to manage insights – both within and outside the organization today. Increasingly, the ability to glean and operationalize new insights efficiently as a byproduct of



an organization's day-to-day operations is becoming vital to hospitals and health systems ability to survive and prosper. One of the long-standing challenges in healthcare informatics has been the ability to deal with the sheer variety and volume of disparate healthcare data and the increasing need to derive veracity and value out of it. Demystifying Big Data and Machine Learning for

Healthcare investigates how healthcare organizations can leverage this tapestry of big data to discover new business value, use cases, and knowledge as well as how big data can be woven into pre-existing business intelligence and analytics efforts. This book focuses on teaching you how to: Develop skills needed to identify and demolish big-data myths Become an expert in separating

hype from reality Understand the V's that matter in healthcare and why Harmonize the 4 C's across little and big data Choose data fidelity over data quality Learn how to apply the NRF Framework Master applied machine learning for healthcare Conduct a guided tour of learning algorithms Recognize and be prepared for the future of artificial intelligence in healthcare via best practices,

feedback loops, and contextually intelligent agents (CIAs) The variety of data in healthcare spans multiple business workflows, formats (structured, un-, and semi-structured), integration at point of care/need, and integration with existing knowledge. In order to deal with these realities, the authors propose new approaches to creating a knowledge-driven learning

organization-based on new and existing strategies, methods and technologies. This book will address the long-standing challenges in healthcare informatics and provide pragmatic recommendations on how to deal with them. *Scaling Big Data with Hadoop and Solr - Second Edition* Apress Web development has grown to become vital in shaping how humans interact, work, learn, and consume.

Practical Web Development provides you with a roadmap of web development today, giving you the tools you need and the guidance to keep you creative and productive in a world of disruption and innovation. Beginning with the structure of the Web and the principles of building basic websites with HTML, you will learn about CSS, JavaScript, and PHP, before taking a closer look at some of the

leading technologies used to build the modern Web. You will integrate jQuery, Ajax, and JSON into your projects before moving on to the latest tools and techniques in responsive web design, including Zurb Foundation or Bootstrap, to help you meet the challenges of developing for multiple devices, and explore how Node.js offers a powerful solution to server-side application development. This book is

for anyone that wants to get to grips with the broader picture of web development today. [Demystifying Big Data and Machine Learning for Healthcare Frontend](#) Dogma NoSQL Web Development with Apache Cassandra Cengage Learning **Computer Science - CACIC 2020** Infinite Paths Assemble the complete stack required to build a modern web app using MongoDB, Express,

React, and Node. This book also covers many other complementary tools: React Router, GraphQL, React-Bootstrap, Babel, and Webpack. This new edition will use the latest version of React (React 16) and the latest React Router (React Router 4), which has a significantly different approach to routing compared to React Router 2 which was used in the first edition of the book.

Though the primary focus of Pro MERN Stack is to equip you with all that is required to build a full-fledged web application, a large portion of the book will be devoted to React 16. The popular MEAN (MongoDB, Express, AngularJS, Node) stack introduced Single Page Apps (SPAs) and front-end Model-View-Controller (MVC) as new and efficient paradigms. Facebook's React is a technology

that competes indirectly with AngularJS. It is not a full-fledged MVC framework. It is a JavaScript library for building user interfaces (in some sense the View part). Yet, it is possible to build a web app by replacing AngularJS with React - hence the term MERN stack. What You Will Learn Discover the features of React 16 to get the maximum out of this library. Gain the basics of MongoDB, Express, and

Node to build a web app. Work with other libraries complementary to React, including React-Bootstrap, React Router, and GraphQL. Use tools such as Babel and Webpack required to build JavaScript-based SPAs. Tie all the components together to build a complete web app. Who This Book Is For Developers and architects who have prior experience in any web app stack other

than the MERN stack will find the book useful to learn about this modern stack. Prior knowledge of JavaScript, HTML, and CSS is required.

**Pro MongoDB Development**

Apress Build dynamic web applications with Express, a key component of the Node/JavaScript development stack. In this updated edition, author Ethan Brown teaches you Express

fundamentals by walking you through the development of an example application. This hands-on guide covers everything from server-side rendering to API development suitable for use in single-page apps (SPAs). Express strikes a balance between a robust framework and no framework at all, allowing you a free hand in your architecture choices. Frontend and

backend engineers familiar with JavaScript will also learn best practices for building multipage and hybrid web apps with Express. Pick up this book and discover new ways to look at web development. Create a templating system for rendering dynamic data. Dive into request and response objects, middleware, and URL routing. Simulate a production environment for testing

Persist data in document databases with MongoDB and relational databases with PostgreSQL  
 Make your resources available to other programs with APIs  
 Build secure apps with authentication, authorization, and HTTPS  
 Integrate with social media, geolocation, and more  
 Implement a plan for launching and maintaining your app  
 Learn critical debugging skills

**EXist** Packt Publishing Ltd  
 Learn the fundamental foundations and concepts of the Apache HBase (NoSQL) open source database. It covers the HBase data model, architecture, schema design, API, and administration . Apache HBase is the database for the Apache Hadoop framework. HBase is a column family based NoSQL database that provides a flexible schema

model. What You'll Learn  
 Work with the core concepts of HBase  
 Discover the HBase data model, schema design, and architecture  
 Use the HBase API and administration  
 Who This Book Is For  
 Apache HBase (NoSQL) database users, designers, developers, and admins.  
**Django: Web Development with Python**  
 IGI Global  
 The Web Development Glossary is probably the

largest of its kind. With more than 2,000 terms and explanations it acquaints and reunites you with the major standards and concepts of the Web, with HTML, CSS, JavaScript, accessibility, security, performance, code quality, internationalization, localization, editors and tooling and more. The glossary then goes beyond web development, touching on computer science, design,

typography, usability and user experience, information as well as project management, other disciplines of interest and relevance to the modern developer. It goes beyond, inspiring the curiosity to learn more about the Web and the people creating and using it. And still it is a glossary, of a couple of thousand terms for developers, leaning on (and giving back to) Wikipedia and

the MDN Web Docs. → This is the book if you choose to extend and validate your web and software development knowledge.

### **Elasticsearch 5.x**

#### **Cookbook**

Packt Publishing Ltd  
Annotation  
With the rise of Web 2.0, the need for a highly scalable database, capable of storing diverse user-generated content is increasing. MongoDB, an open-source, non-relational database has

stepped up to meet this demand and is being used in some of the most popular websites in the world. MongoDB is one of the NoSQL databases which is gaining popularity for developing PHP Web 2.0 applications. PHP and MongoDB Web Development Beginners Guide is a fast-paced, hands-on guide to get started with web application development using PHP and MongoDB. The

book follows a Code first, explain later approach, using practical examples in PHP to demonstrate unique features of MongoDB. It does not overwhelm you with information (or starve you of it), but gives you enough to get a solid practical grasp on the concepts. The book starts by introducing the underlying concepts of MongoDB. Each chapter contains practical examples in

PHP that teach specific features of the database. The book teaches you to build a blogging application, handle user sessions and authentication, and perform aggregation with MapReduce. You will learn unique MongoDB features and solve interesting problems like real-time analytics, location-aware web apps etc. You will be guided to use MongoDB alongside MySQL to



build a diverse data back-end. With its concise coverage of concepts and numerous practical examples, PHP and MongoDB Web Development Beginners Guide is the right choice for the PHP developer to get started with learning MongoDB.

**Node.js, MongoDB and Angular Web Development**

Academic Press  
This book is aimed at developers, designers, and architects who

would like to build big data enterprise search solutions for their customers or organizations. No prior knowledge of Apache Hadoop and Apache Solr/Lucene technologies is required.

*Computing in Research and Development in Africa*

Elsevier  
Build Modern Web Apps with JakartaEE, Jmoordb, and VaadinsKey Features  
Learn about the Java Enterprise Edition/Jakarta

Enterprise Edition specifications.  
a- Learn how to create applications with frameworks such as Java Server Faces, Eclipse krazo and Vaadin.a- Get familiar with NoSQL databases and learn how to create Java applications that interact using Jakarta NoSQL and Jmoordb.a- Learn how to test and secure your application.a- Learn about Microprofile and how to create microservices with

java.Descripti  
onFor many  
years, Java EE  
has been an  
important  
platform for  
mission-  
critical  
enterprise  
applications.  
To accelerate  
the  
development  
of enterprise  
applications  
for a cloud-  
native world,  
leading  
software  
vendors  
collaborated  
to transfer  
Java EE  
technologies  
to the Eclipse  
Foundation,  
where they  
will evolve  
under the  
Jakarta EE  
brand.This  
book will be

your  
comprehensiv  
e guide to  
creating  
Jakarta EE  
applications  
and  
microservices  
with  
Microprofile.  
The book  
begins with an  
introduction to  
Jakarta EE and  
quickly goes  
on to teach  
you about the  
various  
databases and  
their  
advantages.  
After this, you  
will explore  
the JNoSQL  
and Jmoordb  
frameworks to  
understand  
how to build  
Jakarta EE  
applications  
with NoSQL  
databases.

Moving  
forward, you'll  
explore  
Eclipse  
MicroProfile  
and see how it  
helps build  
microservices  
with Java.  
Also, you will  
learn about  
various  
development  
applications  
such as Java  
Server Faces,  
Eclipse  
Krazos,  
PrimeFaces,  
Vaadin, and  
understand  
how to  
integrate  
them with  
your backend.  
Towards the  
end, you will  
learn about  
security,  
testing, and  
understanding  
continuous

integration. What will you learn- Learn how to use the Jmoordb framework for Jakarta EE applications.a- Optimize Enterprise Java for microservices architecture using Eclipse MicroProfile.a- Create Web applications using Java Server Faces.a- Building a modern web application using Vaadin.a- Learn how to implement security using IdentityStore and JWT.a- Create CI/CD pipelines for	Jakarta EE applications. Why this book is for developers with no previous experience in creating business applications with Java and for those who want to know about APIs and new frameworks for the development of cloud-oriented applications. Table of Contents1. Jakarta EE Platform2. NoSQL3. Jakarta NOSQL4. Understanding JMoordb5. Exploring	Microprofile6. Java Server Faces7. Vaadin8. Integration Vaadin, JMoordb and NoSQL9. Eclipse Krazos and Security of Microservices 10. Testing and Continuous Integration About the AuthorsAristides Villarreal Bravo lives in Panama, is a Java Developer, member of NetBeans Dream Teams since 2007, Jug Leaders. He is currently working on developing Java
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applications and with greater emphasis on technologies such as Java Enterprise Edition, Jakarta EE, Microprofile, and NoSQL databases. He has developed several plugins for Apache NetBeans IDE and is working on his Jmoordb project, a Java API for NoSQL. Your LinkedIn Profile: <https://www.linkedin.com/in/aristides-villarreal-bravo-6258543/Geovanny-Mendoza>

Gonzalez is a senior backend developer in Java, lives in Colombia, B.S. in System Engineering from the Simon Bolivar University of Colombia with a specialization in Software Engineering from the North University of Barranquilla, Colombia. Certified on Vaadin 14 framework, professional and developer. Your LinkedIn Profile: <https://www.linkedin.com/in/gmendozag/Otavio-Goncalves-de>

Santana is a passionate software engineer focused on Java technology. He has experience mainly in persistence polyglot and high-performance applications in finances, social media, and e-commerce. Otavio is a member of both Expert Groups and Expert Leader in several JSRs and JCP executive committee. Your LinkedIn Profile: <https://www.linkedin.com/in/>

otaviojava/  
Pro Docker  
Springer  
Nature  
What would  
happen if you  
optimized a  
data store for  
the operations  
application  
developers  
actually use?  
You'd arrive at  
MongoDB, the  
reliable  
document-  
oriented  
database.  
With this  
concise guide,  
you'll learn  
how to build  
elegant  
database  
applications  
with MongoDB  
and PHP.  
Written by the  
Chief  
Solutions  
Architect at  
10gen—the

company that  
develops and  
supports this  
open source  
database—this  
book takes  
you through  
MongoDB  
basics such as  
queries, read-  
write  
operations,  
and  
administration  
, and then  
dives into  
MapReduce,  
sharding, and  
other  
advanced  
topics. Get out  
of the  
relational  
database rut,  
and take  
advantage of  
a high-  
performing  
system  
optimized for  
operations  
and scale.

Learn step-by-  
step the tools  
you need to  
build PHP  
applications  
with MongoDB  
Perform  
Create, Read,  
Update, and  
Delete (CRUD)  
operations,  
and learn how  
to perform  
queries to  
retrieve data  
Administer  
your  
database, and  
access and  
manipulate  
data with the  
MongoDB  
Shell Use  
functions to  
work with  
sets, arrays,  
and multiple  
documents to  
perform  
synchronous,  
asynchronous,  
and atomic

operations  
Discover  
PHP's  
community  
tools and  
libraries, and  
why they're  
valuable Work  
with regular  
expressions,  
aggregation,  
MapReduce,  
replication,  
and sharding  
A Deep Dive  
into NoSQL  
Databases:  
The Use Cases  
and  
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A Deep Dive  
into NoSQL  
Databases:  
The Use Cases  
and  
Applications,  
Volume 109,  
the latest  
release in the  
Advances in

Computers  
series first  
published in  
1960,  
presents  
detailed  
coverage of  
innovations in  
computer  
hardware,  
software,  
theory, design  
and  
applications.  
In addition, it  
provides  
contributors  
with a  
medium in  
which they  
can explore  
their subjects  
in greater  
depth and  
breadth. This  
update  
includes  
sections on  
NoSQL and  
NewSQL  
databases for  
big data

analytics and  
distributed  
computing,  
NewSQL  
databases and  
scalable in-  
memory  
analytics,  
NoSQL web  
crawler  
application,  
NoSQL  
Security, a  
Comparative  
Study of  
different In-  
Memory  
(No/New)SQL  
Databases,  
NoSQL Hands  
On-4 NoSQLs,  
the Hadoop  
Ecosystem,  
and more.  
Provides a  
very  
comprehensiv  
e, yet  
compact, book  
on the popular  
domain of  
NoSQL

databases for IT professionals, practitioners and professors Articulates and accentuates big data analytics and how it gets simplified and streamlined by NoSQL database systems Sets a stimulating foundation with all the relevant details for NoSQL database researchers, developers and administrators Web Development with Node and Express John Wiley & Sons

Three of CouchDB's creators show you how to use this document-oriented database as a standalone application framework or with high-volume, distributed applications. With its simple model for storing, processing, and accessing data, CouchDB is ideal for web applications that handle huge amounts of loosely structured data. That alone would stretch the limits of a

relational database, yet CouchDB offers an open source solution that's reliable, scales easily, and responds quickly. CouchDB works with self-contained data that has loose or ad-hoc connections. It's a model that fits many real-world items, such as contacts, invoices, and receipts, but you'll discover that this database can easily handle data of any kind. With this book, you'll learn how to

work with CouchDB through its RESTful web interface, and become familiar with key features such as simple document CRUD (create, read, update, delete), advanced MapReduce, deployment tuning, and more. Understand the basics of document-oriented storage and manipulation. Interact with CouchDB entirely through HTTP using its RESTful interface. Model data as

self-contained JSON documents. Handle evolving data schemas naturally. Query and aggregate data in CouchDB using MapReduce views. Replicate data between nodes. Tune CouchDB for increased performance and reliability. [PHP and MongoDB Web Development Beginner's Guide](#) Packt Publishing Ltd. Wield the power of Python, React, and MongoDB to build web

and data applications quickly and broaden your web development horizons. Key Features: Learn how to build web applications without having to know the intricacies of the components. Build full stack projects without compromising on development speed and app performance. Prepare yourself for the diverse world of web development, analytics, and data



visualization  
Book  
Description If  
you need to  
develop web  
applications  
quickly, where  
do you turn?  
Enter the  
FARM stack.  
The FARM  
stack  
combines the  
power of the  
Python  
ecosystem  
with REST and  
MongoDB and  
makes  
building web  
applications  
easy and fast.  
This book is a  
fast-paced,  
concise, and  
hands-on  
beginner's  
guide that will  
equip you with  
the skills you  
need to  
quickly build

web  
applications  
by diving just  
deep enough  
into the  
intricacies of  
the stack's  
components.  
The book  
quickly  
introduces  
each element  
of the stack  
and then  
helps you  
merge them  
to build a  
medium-sized  
web  
application.  
You'll set up a  
document  
store with  
MongoDB,  
build a simple  
API with  
FastAPI, and  
create an  
application  
with React.  
Security is  
crucial on the

web, so you'll  
learn about  
authentication  
and  
authorization  
with JSON  
Web Tokens.  
You'll also  
understand  
how to  
optimize  
images, cache  
responses  
with Redis,  
and add  
additional  
features to  
your  
application as  
well as  
explore tips,  
tricks, and  
best practices  
to make your  
development  
experience a  
breeze. Before  
you know it,  
you'll be  
deploying the  
application to  
different

platforms. By the end of this book, you will have built a couple of functional applications efficiently and will have the springboard you need to delve into diverse and more specialized domains.

What you will learn Discover the flexibility of the FARM stack

Implement complete JWT authentication with FastAPI

Explore the various Python drivers for MongoDB

Discover the problems that React libraries

solve Build simple and medium web applications with the FARM stack

Dive into server-side rendering with Next.js

Deploy your app with Heroku, Vercel,

Ubuntu Server and Netlify

Understand how to deploy and cache a FastAPI backend

Who this book is for

This book is for web developers and analysts who want to

include the power of a modern asynchronous

Python framework, a

flexible data store and a powerful UI library with the combination of two of the most important programming languages today in their web development toolkit.

Beginners in the field of information presentation will also find this book helpful. You must have a beginner-level understanding of Python, JavaScript, and HTML and CSS to get the most out of this book.

Packt

Publishing Ltd This textbook provides an introduction to computer science theory, informatics best practice, and the standards and legislation that apply to computing in a healthcare environment. It delivers an accessible discussion of databases (construction, interrogation and maintenance);	networking (design and low-level application); programming (best practice rather than the specifics of any one language - design, maintenance, safety). It can be used to accompany the NHS Modernising Scientific Careers syllabus. It is also targeted towards those creating	software rather than those using it, particularly computer scientists working in healthcare, specifically those in or close to the Physical Sciences, including radiotherapy, nuclear medicine, and equipment management and those working with genomics and health informatics.
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