Sebastian Daschner

Foreword by:
David Blevins
Founder and CEO, Tomitribe

Architecting Modern Java EE Applications

Designing lightweight, business-oriented enterprise applications in the age of cloud, containers, and Java EE 8

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Architecting Modern Java Ee Applications

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tasked with designing and leading the development of J2EE java applications This book will guide the architect through the entire process from analysis through application deployment providing numerous tips tricks and best practices along the way

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security and testing the book shows how to overcome every engineering challenge encountered in successfully developing wireless software   **Java EE 8 and Angular** Prashant Padmanabhan,2018-01-11 Learn how to build high performing enterprise applications using Java EE powered by Angular at the frontend Key Features Leverage Java EE 8 features to build robust backend for your enterprise applications Use Angular to build a single page frontend and combine it with the Java EE backend A practical guide filled with ample real world examples Book Description The demand for modern and high performing web enterprise applications is growing rapidly No more is a basic HTML frontend enough to meet customer demands This book will be your one stop guide to build outstanding enterprise web applications with Java EE and Angular It will teach you how to harness the power of Java EE to build sturdy backends while applying Angular on the frontend Your journey to building modern web enterprise applications starts here The book starts with a brief introduction to the fundamentals of Java EE and all the new APIs offered in the latest release Armed with the knowledge of Java EE 8 you will go over what it s like to build an end to end application configure database connection for JPA and build scalable microservices using RESTful APIs running in Docker containers Taking advantage of the Payara Micro capabilities you will build an Issue Management System which will have various features exposed as services using the Java EE backend With a detailed coverage of Angular fundamentals the book will expand the Issue Management System by building a modern single page application frontend Moving forward you will learn to fit both the pieces together that is the frontend Angular application with the backend Java EE microservices As each unit in a microservice promotes high cohesion you will learn different ways in which independent units can be tested efficiently Finishing off with concepts on securing your enterprise applications this book is a handson guide for building modern web applications What you will learn Write CDI based code in Java EE 8 applications Build an understanding of microservices and what they mean in a Java EE context Employ Docker to build and run microservice applications Use configuration optionsto work effectively with JSON documents Handle asynchronous task and write RESTAPI clients Set the foundation for working on Angular projects with the fundamentals of TypeScript Learn to use Angular CLI to add and manage new features Secure Angular applicationsusing malicious attacks adopting JSON Web tokens Who this book is for This book is for Java EE developers who would like to build modern enterprise web applications using Angular No knowledge of Angular is required   Modernizing Enterprise Java Markus Eisele,Natale Vinto,2021-10-21 While containers microservices and distributed systems dominate discussions in the tech world the majority of applications in use today still run monolithic architectures that follow traditional development processes This practical book helps developers examine long established Java based models and demonstrates how to bring these monolithic applications successfully into the future Relying on their years of experience modernizing applications authors Markus Eisele and Natale Vinto walk you through the steps necessary to update your organization s Java applications You ll discover how to dismantle your monolithic application and move to an up to date software stack that works across cloud and on premises installations

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Koletzke,Avrom Roy-Faderman,2009-10-06 Written by the most knowledgeable Oracle JDeveloper author team in the world This Oracle Press guide shows how to build Web applications using the Fusion Middleware development tool Oracle JDeveloper The book discusses the latest technologies and explains how to develop code using multiple techniques Oracle JDeveloper 11g Handbook A Guide to Fusion Web Development covers the Oracle Application Development Framework and JavaServer Faces Hands on practice examples walk you through the creation of a complete sample application that employs highly interactive user interface components and declarative development methods You will learn the techniques required to implement Fusion oriented software solutions in JDeveloper   *Professional Java EE Design Patterns* Murat Yener,Alex Theedom,2014-12-17 Master Java EE design pattern implementation to improve yourdesign skills and your application s architecture Professional Java EE Design Patterns is the perfectcompanion for anyone who wants to work more effectively with JavaEE and the only resource that covers both the theory andapplication of design patterns in solving real world problems Theauthors guide readers through both the fundamental and advancedfeatures of Java EE 7 presenting patterns throughout anddemonstrating how they are used in day to day problem solving As the most popular programming language in community drivenenterprise software Java EE provides an API and runtimeenvironment that is a superset of Java SE Written for the juniorand experienced Java EE developer seeking to improve design qualityand effectiveness the book covers areas including Implementation and problem solving with design patterns Connection between existing Java SE design patterns and newJava EE concepts Harnessing the power of Java EE in design patterns Individually based focus that fully explores each pattern Colorful war stories showing how patterns were used in thefield to solve real life problems Unlike most Java EE books that simply offer descriptions orrecipes this book drives home the implementation of the pattern toreal problems to ensure that the reader learns how the patternsshould be used and to be aware of their pitfalls For the programmer looking for a comprehensive guide that isactually useful in the everyday workflow Professional Java EEDesign Patterns is the definitive resource on the market   **Materials Science, Computer and Information Technology** S.Z. Cai,Q.F. Zhang,X.P. Xu,D.H. Hu,Y.M. Qu,2014-07-16 Selected peer reviewed papers from the 2014 4th International Conference on Materials Science and Information Technology MSIT 2014 June 14 15 2014 Tianjin China   *Java Ee 7 Web Application Development* Peter Pilgrim,2015-09-30 Develop Java enterprise applications to meet the emerging digital standards using Java EE 7About This Book Build modern Java EE web applications that insert update retrieve and delete customer data with up to date methodologies Delve into the essential JavaScript programming language and become proficient with front end technologies that integrate with the Java platform Learn about JavaServer Faces its lifecycle and custom tags and build exciting digital applications with the aid of handpicked real world examplesWho This Book Is ForIf you are a professional Java engineer and want to develop well rounded and strong Java Web Development skills then this book is for you What You Will Learn Understand and apply updated JavaServer Faces key features including HTML5 support

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