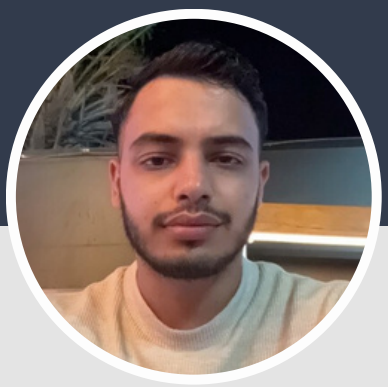
DENIZ ERDEM

JAVA SOFTWARE ENGINEER



CONTACT

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SKILLS

- Java
- Spring Boot / Quarkus
- JPA / Hibernate
- (No)SQL
- JUnit
- Maven / Gradle
- React / Vue / Angular
- TypeScript
- CI / CD
- REST
- Agile / Scrum

LANGUAGES

- English (Fluent)
- Dutch (Fluent)
- Turkish (Fluent)

CERTIFICATES

Oracle Certified Professional - Java 17

PROFILE

Software Engineer with hands-on experience building production-ready backend and full-stack applications in enterprise environments. Strong focus on Java (Spring Boot, Quarkus), RESTful APIs, system integrations and CI/CD pipelines. Experienced in delivering meaningful software, quality monitoring and client communication. Known for a critical mindset, fast learning curve and translating complex requirements into maintainable solutions.

WORK EXPERIENCE

Quintor Managed Services 2025 - PRESENT

Full Stack Java Developer

- Developed a backend for a report generator application in Java. The application scrapes various API's to retrieve essential data for our customers like server data, scrumboard insights and financial data. The data is scheduled to retrieve on a set interval and a summarized document can be generated.
- Updated our Java Masterclass to Java 21 and Spring Boot 3. Implemented an Async course using Quarkus and Mutiny.

Quintor Java Masterclass SEP 2024 - NOV 2024

Full Stack Java Developer

- Completed the Quintor Java Masterclass, developing enterprise-grade software using Spring, JPA, REST, CI/CD and Agile/Scrum in team-based projects.

Quintor

Graduation Internship Jan 2024 - Jun 2024

- Built an AI-integrated request portal using Spring Boot, Spring AI and GPT models. Implemented real-time communication via WebSockets and automated classification workflows.

LiveWall Aug 2022 - Jan 2023

Internship

- Research and implementation of unit, integration and end-to-end testing strategies across applications using Jest, Playwright and PHPUnit.

EDUCATION

BSc Informatica 2020 - 2024

Avans University Of Applied Sciences

PROJECTS // DEC 2024 - PRESENT

QUINTOR

MANAGED SERVICES

A production-ready full-stack reporting application has been developed for Quintor's Managed Services team, providing enterprise customers with structural insight into the status, quality, and manageability of their hosted applications and infrastructure. The application consolidates data from multiple external systems (including GitLab, Azure DevOps, SonarQube, and TeamCity) and translates it into dashboard insights and generated .docx customer reports. The solution is actively used in customer consultations, SLA evaluations, and internal quality monitoring and has been set up with a focus on scalability, maintainability, and expandability within a managed services context.

ACTIVITIES

- Development of a Java backend for periodically retrieving, processing, and aggregating data via scheduled jobs.
- Implementation of integrations with external systems such as GitLab, Azure DevOps, SonarQube, and TeamCity.
- Design, implementation, and testing of RESTful APIs for additional management data. Development and integration of the Vue.js frontend with the RESTful API for visualizing reporting data.
- Generation of customer-oriented reports in .docx format based on aggregated data.
- Setup and maintenance of CI/CD pipelines for build, test, and deployment.
- Setting up Mockoon for mocking external APIs in development and test environments. Coordination with stakeholders within Managed Services on functionality, data definitions, and reporting requirements.

Java 21, Spring Boot, Spring Modulith, Spring Data MongoDB, Spring Security, AssertJ, Mockoon, OpenSearch (Dashboard), SonarQube, TeamCity, Vue.js

QUINTOR

MASTERCLASS UPDATE

The Quintor Java Masterclass was modernized from Java 8 and Spring Boot 2 to Java 21 and Spring Boot 3, enabling the use of the latest language and framework features. Both Maven and Gradle build configurations were updated accordingly. In addition, a new reactive Quarkus application was developed using Mutiny to demonstrate asynchronous Java programming, implemented as a CRUD REST API backed by MongoDB using Quarkus Reactive MongoDB.

ACTIVITIES

- Migrated the Java Masterclass platform from Java 8 and Spring Boot 2 to Java 21 and Spring Boot 3, enabling the use of modern language features and framework improvements.
- Updated and refactored Maven and Gradle build configurations to ensure compatibility with the latest Java and Spring ecosystem standards.
- Designed and developed a new Quarkus-based application to demonstrate asynchronous and reactive programming in Java.
- Implemented reactive workflows using Mutiny to showcase non-blocking processing patterns..
- Developed a CRUD REST API with MongoDB persistence using Quarkus Reactive MongoDB.
- Applied best practices for RESTful API design, validation, and error handling.
- Implemented unit and integration tests to ensure reliability and code quality.
- Integrated CI/CD tooling and static code analysis to align the project with enterprise development standards.

Java 8, Java 21, Quarkus, Mutiny, Reactive MongoDB, Gradle, Maven, Junit5, REST, Lombok, SonarQube, TeamCity, Mapstruct, Mockito

QUINTOR

JAVA MASTERCLASS

The Java Masterclass focused on developing professional software and learning how to apply it in complex enterprise environments. Frameworks, techniques, and tools commonly used by Quintor's clients were part of the curriculum. Each module covered a specific topic, with modules aligned and building on each other to demonstrate how an application is developed coherently within a professional software development environment.
At the end of the program, the acquired knowledge—including front-end development, back-end development (Java), and platform engineering (infrastructure)—was applied in a practical case study. This work was carried out entirely in a team-based setting and according to Agile/Scrum practices.

ACTIVITIES

- OCP Java SE 17 certification
- Spring overview, dependency injection, and unit testing
- REST endpoints and Servlets
- Spring Core and business logic
- JPA, SQL, JMS, and Kafka
- Spring Boot, Spring Data, Spring Cloud, and Spring Security
- Asynchronous programming in Java
- Build scripts, CI/CD, and SonarQube
- HTML, CSS, and Angular

Java, Spring Boot, Spring Data, Spring Security, JPA/Hibernate, Junit, Mockito, Gradle, Maven, JMS, SQL, Angular, TypeScript, Agile/Scrum, SonarQube, TeamCity

LIVEWALL

TEST AUTOMATION (INTERN)

Performed extensive research into modern testing strategies, including unit, integration, and end-to-end testing. Applied these strategies by implementing automated tests for the React frontend using Jest and Playwright, and for the PHP backend using PHPUnit, improving overall reliability and test coverage.

ACTIVITIES

- Researched and evaluated unit, integration, and end-to-end testing strategies for web applications.
- Analyzed testing best practices and selected appropriate tools per application layer.
- Implemented unit and end-to-end tests for a React frontend using Jest and Playwright.
- Developed automated tests for a PHP backend using PHPUnit.
- Designed test cases to validate critical user flows and backend logic.
- Integrated automated tests into the development workflow to improve reliability and regression detection.
- Assessed test coverage and iteratively improved test quality and maintainability.
- Documented testing approaches and findings to support knowledge sharing within the team.

React, NextJs, Jest, Playwright, PHP, PHPUnit, npm