Hamzeh Diaa Abuhijleh

Java Backend Developer | Spring Boot Specialist

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OBJECTIVE

Proactive and skilled Java Backend Developer with in-depth knowledge of Java SE 17 and Spring Boot. Specialized in building secure, modular, and RESTful backend systems with integrated API layers. Eager to contribute to high-impact development teams focusing on backend architecture, performance, and data security.

TECHNICAL SKILLS

- Programming Languages: Java SE 17
- Frameworks & Tools: Spring Boot, Spring Security, Spring Data JPA, Maven, Hibernate
- Backend & APIs: RESTful API Design, GraphQL (Queries, Mutations, Schema Design), JWT Authentication, HTTPS, Exception Handling, DTOs, Validation
- Databases: PostgreSQL, H2, JDBC, MongoDB
- Architecture: MVC, Clean Code, Dependency Injection
- Testing: JUnit 5, SpringBootTest
- Frontend Integration: HTML/CSS, JavaScript (integration level), Thymeleaf
- Soft Skills: Problem Solving, Communication, Team Collaboration, Time Management, Adaptability
- Others: IntelliJ IDEA, Postman, VisualVM, GitHub

EXPERIENCE

July 2024 – Sep 2024 | Trainee Java/Kotlin Developer – Leading Point Company (University Training)

• Worked on backend development tasks using Java and Kotlin
• Participated in agile team activities and software lifecycle practices
• Gained hands-on experience with API integration and debugging
• Contributed to small service modules for internal tools

EDUCATION

B.Sc. in Software Engineering – (University Excellence)

Applied Science Private University, Jordan | 2021 – 2025

QS Arab University Ranking: 48th in the Region (2025)

KEY PROJECTS

StegoShield – Final Year Project: Enhanced Security in Digital Steganography

- Developed the full backend using Spring Boot for registration, login, file upload, and DB operations
- Integrated Flask services for AES encryption and steganography via internal API forwarding
- Designed REST API, PostgreSQL schema, and file encryption layers (AES-256 for files, AES-128 for keys)
- Secured system using HTTPS, file validation, and time-based access control
- Integrated HTML/CSS/JS frontend with backend for full browser-based interaction Tech stack: Java, Spring Boot, Python (Flask), PostgreSQL, HTML/CSS/JS, Maven, IntelliJ

DEVELOPER HIGHLIGHTS

- Backend Ownership: Designed and implemented all backend logic, security, and API layers for StegoShield.
- Security Focused: Integrated AES encryption, HTTPS, input validation, and JWT principles in backend.
- Multi-language Integration: Connected Flask-based cryptography logic into Java Spring Boot securely.
- Documentation & Leadership: Led backend–frontend integration and documented full REST API usage.

CERTIFICATIONS & TECHNICAL LEARNING

- **Java SE 17 Full Mastery** – Oracle Documentation & Hands-on Labs
- **Java Programming Essentials** – ASU Coursework & Udemy Course
- **Spring Boot Full Stack Roadmap** – Course-based Learning (Spring Docs & Udemy)
- **REST API Design in Java** – Udemy
- **GraphQL Fundamentals** – Course-based Learning
- **PostgreSQL Basics** – Udemy