

Ahmad Radi

Software Engineer | Backend Developer (Java & Spring Boot)

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Summary	<p>Detailed-oriented Software Engineer with a strong background in Geotechnical Engineering, transitioning into Java Backend Development. Expert in Java 17, Spring Boot, and Microservices architecture, with a proven ability to design scalable systems using CQRS and SOLID principles. Leveraging a rigorous engineering mindset to solve complex technical challenges and deliver high-quality, maintainable code. Passionate about building robust backend applications that drive business value.</p>
Skills	<p>Programming Languages Java 17, SQL, C++, c#</p> <p>Core Fundamentals Data Structures, Algorithms, Problem-Solving</p> <p>Software Engineering Object-Oriented Programming (OOP), Object-Oriented Design (OOD), SOLID Principles, Design Patterns, CQRS Pattern</p> <p>Backend Frameworks Spring Boot, Spring Security, Spring Data JPA, Hibernate, Spring MVC</p> <p>Databases & Tools PostgreSQL, Database Schema Design, Git, GitHub, Postman, Maven</p>
Projects	<p>Doctor Appointment Management System December 2025 A high-performance backend system designed to manage medical consultations and patient scheduling efficiently. Implemented CQRS Pattern to decouple read and write operations, significantly enhancing system performance and scalability. Developed secure RESTful APIs using Java 17 and Spring Boot, ensuring seamless integration with frontend services. Integrated Spring Security to manage user authentication and role-based access control (Admin, Doctor, Patient). Utilized Spring Data JPA & PostgreSQL for efficient data persistence and complex relational database management. Applied SOLID principles to ensure the codebase is maintainable, testable, and clean. Java 17, Spring Boot, Spring Security, Spring Data JPA, PostgreSQL, CQRS Pattern, REST API, SOLID Principles, Maven, Postman</p>
Experience	<p>Luminous Technical University College (ASAC) April 2025 - December 2025 Java Backend Developer (Fellow) 🔗 https://www.google.com/search?q=https://asac.ltuc.com Architected and developed a robust Doctor Appointment Management System using Java 17 and Spring Boot, focusing on high availability and clean code. Implemented the CQRS pattern to enhance system performance and scalability by decoupling command and query responsibilities. Managed relational database design with PostgreSQL, ensuring optimal data integrity and efficient querying through Spring Data JPA/Hibernate. Integrated Spring Security (JWT/OAuth2) to handle secure user authentication and role-based access control. Applied SOLID principles and Design Patterns to ensure the codebase remains maintainable and extensible.</p> <p>Nemer Al-Lozi & Partners Apr 2024 - Aug 2025 Geotechnical Engineer Jordan, Deir Alla Collaborated within a multidisciplinary team on a 35M JOD national infrastructure project, ensuring rigorous technical standards were met. Conducted technical analysis and soil investigations, managing detailed field data to support critical engineering decisions. Ensured Quality Assurance (QA) by inspecting materials and verifying compliance with strict government specifications. Transferred analytical discipline and a structured problem-solving mindset from large-scale engineering to the software development lifecycle.</p> <p>Al-Karasneh for Engineering Studies & Materials Testing 2018 - 2024 Materials Engineer Conducted specialized testing for soil, construction materials, and asphalt to ensure adherence to engineering standards. Performed field and laboratory inspections to verify material quality across various construction sites. Prepared technical reports documenting test results and data analysis for quality control purposes.</p>
Soft Skills	<p>Analytical Problem-Solving</p> <p>Attention to Detail</p> <p>Team Collaboration</p> <p>Adaptability & Continuous Learning</p> <p>Time Management</p> <p>Disciplined Work Ethic</p>
Education	<p>Luminous (ASAC) Apr 2025 - Dec 2025 Java Backend Development Software Engineering</p> <p>Tafila Technical University (TTU) 2012 - 2017 Geotechnical Engineering Bachelor's Degree</p>
Languages	<p>Arabic Native language</p> <p>English Intermediate</p>