Ahmed Fathi

Software engineer | Java

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Professional Summary

Software Engineer with over 3 years of experience specializing in Java, Spring Framework, and Spring Boot. Skilled in system design, problem-solving, and implementing clean code and architecture practices. Proficient in developing and maintaining robust, scalable, and high-performance software solutions. Collaborative team player with a track record of delivering innovative solutions aligned with business objectives. Passionate about staying updated with emerging technologies and best practices to ensure the development of cutting-edge software solutions.

Professional Experience

Software Engineer Fawry August 2025 – Present

- Supported a core fintech platform at Egypt's leading digital transformation company, ensuring high system reliability and rapid resolution of production issues.
- Developed and optimized integrations across internal and external systems within Fawry's omni-channel payment network.
- Contributed to revamping and migrating legacy modules into scalable microservices.
- Enhanced system performance and maintainability through modern architectural practices.
- Collaborated with cross-functional teams to align technical decisions with business objectives.

Senior software engineer Beshara group October 2024 – August 2025

- Led and mentored backend engineers, establishing architectural standards and driving the adoption of scalable multi-tenant system design.
- Architected and delivered high-performance solutions aligned with business objectives, from core platforms to Kuwait's Transportation Ministry ticketing system
- Driving key technical decisions to align with business goals and enhance system efficiency.

Professional Development & Part-Time Work October 2023 – October 2024

- **System Design Certification | AlgoExpert (Oct 2023 - Apr 2024)**
  - Mastered architectural patterns, scalability, and performance optimization
  - Completed intensive preparation for technical interviews at FAANG-level companies
- **Senior Software Engineer | Real Vacation Exchange - RVE (April 2024 – October 2024)**
  - Led backend API design and database architecture.
  - Collaborated with cross-functional mobile development teams

Software engineer MuslimDo July 2022 – October 2023– Full-time

- Led the development of a mission-critical platform, fostering community engagement and connectivity among Muslims residing in Canada, powered by Java Spring technologies.
- Collaborated closely with internal stakeholders to understand their specific requirements and challenges, resulting in the delivery of a highly customized and effective solution tailored to the unique needs of the Muslim community in Canada.
- Implemented robust features for user interaction, event management, and community forums, enabling seamless communication and collaboration among members and strengthening bonds within the Canadian Muslim community.
- Played a pivotal role in designing and developing dynamic web solutions, leveraging Java Spring technologies to enhance user experiences and drive engagement and retention within the Muslim community in Canada.

Software engineer ONMarkets - Online Grocery Marketplace January 2022 – July 2022 – Full-time

- Led the development of a mission-critical e-commerce platform, optimizing inventory management and sales processes for a fast-growing grocery startup.
- Collaborated closely with internal stakeholders to understand their specific requirements and challenges, resulting in the delivery of a highly customized and effective solution tailored to the unique needs of the grocery industry.

Software engineer GermaniaTek June 2021 – March 2022 – Full-time

- Spearheaded the development of a mission-critical software solution, optimizing financial management processes and CRM functionalities for clients across diverse industries.
- Collaborated closely with internal teams and clients to identify specific CRM needs and pain points, resulting in the delivery of a highly customized and effective solution tailored to enhance customer engagement and retention.
- Implemented robust features for CRM integration, financial modeling, and data security using Java Spring technologies, ensuring accurate budget projections, streamlined booking management, and stringent access controls for sensitive customer information.

Fullstack Developer Egyptian Navy (Compulsory Military Service) June 2020 – June 2021 – Full-time

- Led the development of mission-critical applications, optimizing operational processes and efficiency for various departments within the Egyptian Navy.
- Collaborated closely with internal stakeholders to understand their specific requirements, resulting in the delivery of highly customized solutions tailored to the unique needs of the Navy.
- Implemented robust features and functionalities using Spring Boot, React, Angular, and Flutter, ensuring seamless integration and user experiences across platforms to drive operational excellence within the Navy's ecosystem.

Education

- Bachelor of Computer and artificial intelligent – **Benha University** – **2019**

Skills

- Backend Development: Java EE, Spring framework, Spring boot, Jakarta, Hibernate, Spring Security, Java Servlet, REST, SOAP, MySQL, Postgres, H2, Design Patterns, DDD, Maven, Gradle, Debugging, Unit Testing, Git, GitHub, Gitlab, RabbitMQ, Apache Kafka, Redis, Spring Cloud, Keycloak, Multi-tenancy, OracleDB, Microservices
- Frontend Development: HTML, CSS, Typescript, React
- DevOps & Cloud: Docker, K8s, GitHub Actions.
- Team & workflow: Microsoft Teams, Slack, Jira, Notion

Languages

- Arabic: Mother Tongue
- English: Very Good

Certification

- Java SE, New Horizons 2015
- Android developer nanodegree, NTL, Feb 2019
- System expert, AlgoExpert