

Eslam Sife Eldin

Principal Software Engineer

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Giza, Egypt

10+ years in enterprise Java. I'm the one they call when a legacy system needs to be modernized and nobody wants to touch it.

Experience

Principal Software Engineer at Integrant, Cairo

July 2024 - Present

- Parchment: Built microservices for credential platform serving 15,000+ institutions, processing 18.5M+ records annually with 99.9% uptime
- Parchment: Analyzed and mapped the legacy GED credential flow, driving architecture decisions for its migration to the modern platform
- Parchment: Contributed Spring Boot 3 and JDK 21 migration, reducing processing time from minutes to seconds with 35% performance gain
- Aptar MES: Designed event-driven manufacturing automation (shift creation, kanban replenishment) using Kafka-decoupled task patterns
- Aptar MES: Replaced legacy monolithic activities with idempotent, plant-aware microservices processing ~53M SAP messages daily
- Internal: Developed RAG-powered AI platform with 3 specialized agents using Next.js, React, and Groq LLM

Senior Java Developer at Vodafone, Cairo, Egypt

February 2023 - July 2024

- Co-designed and built the Vodafone Cash disbursement application from scratch, collaborating on architecture and microservices design
- Contributed to migrating Ana Vodafone microservices from Spring Boot 2 to Spring Boot 3
- Became the go-to engineer for performance issues, profiling slow paths and driving fixes through targeted code reviews

Senior Full Stack Developer at DXC Technology, Cairo, Egypt

February 2019 - February 2023

- Vodafone Germany: Maintained and stabilized a legacy Java 7 and JSF backend, fixing recurring production issues and reducing incident frequency
- Alinma Bank: Built full banking platform with Java 8 microservices and Angular 8, covering account management, transactions, and reporting modules
- Saudi Payments: Developed national payment features using EJB 3 and SOAP, achieving 99.9% uptime

Senior Java Developer at Etisalat Misr, Cairo, Egypt

February 2018 - December 2018

- Migrated the DMA application to Spring Boot and developed backend services for the My Etisalat mobile app
- Built RESTful APIs handling subscriber account management and service activation for millions of Etisalat users

Full Stack Developer at Glowstar, Cairo, Egypt

June 2015 - December 2017

- Built and maintained modules for an enterprise ERP system (banking, general ledger, inventory, invoicing, purchasing).
- Led the migration from EJB 3 to Spring Framework.
- Mentored 3 junior developers and established code review practices across the team

Education

Bachelor of Computer Information Systems at Phroes Academy

September 2008 - July 2012

Skills

Languages and Backend: Java 8-21, TypeScript, Python, Node.js, Spring Boot 3, Spring Cloud, Spring Data, Spring Security, JPA, Hibernate, REST APIs, GraphQL, gRPC

Frontend: React, React Native, Next.js, Angular 8+, Tailwind CSS, Material-UI

AI and LLM: RAG Architecture, AI Agents, LLM Integration, Prompt Engineering, Groq, OpenAI API, LangChain, Vector Databases

Architecture and Data: Microservices, Domain-Driven Design, Event-Driven Architecture, CQRS, PostgreSQL, Oracle, MongoDB, Redis, Elasticsearch, Kafka, RabbitMQ

Cloud and DevOps: AWS Lambda, Amazon SQS, Amazon S3, Amazon EKS, Kubernetes, Docker, CI/CD, HashiCorp Vault, Terraform

Testing and Quality: JUnit 5, Mockito, TestContainers, Selenium, SonarQube, JaCoCo, JMeter