Faizan Saleem

Senior Java & AWS Engineer and Technical Lead

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Summary

Hands-on software engineer and technical lead with 9+ years building and running enterprise platforms in certification, telecommunications, healthcare and travel. Specialises in Java, Spring Boot, AWS, microservices and multi-tenant systems, and owns delivery from design to production. Has led a team of 15+ engineers and QA and works daily with UK and European stakeholders. Available to US and UK companies for short-term projects and long-term engagements.

Technical skills

Backend	Java 21 and 25, Spring Boot 4 and 3.5, Spring Security, Spring Data JPA, Hibernate, REST APIs, microservices, multi-tenancy
AWS	ECS/Fargate, Lambda, API Gateway, S3, SQS, SNS, Cognito, DynamoDB, Textract, Bedrock
Data	PostgreSQL, MySQL, Redis, MongoDB, Elasticsearch, Flyway, large-scale data migrations
Delivery and quality	Docker, Kubernetes, Bitbucket Pipelines, Jenkins, SonarCloud, JUnit 5, Testcontainers, OpenTelemetry
Front end	TypeScript, React, Angular, Node.js and Express, Vite, Tailwind CSS
AI	Amazon Bedrock, Claude Code, LLM-powered code review automation, Python tooling

Experience

Principal Software Engineer & Technical Lead TEO International

Dec 2021 to present

Stack: Java 21 and 25, Spring Boot 3.5 and 4, AWS, MySQL, PostgreSQL, DynamoDB, Redis, Angular, React, Node.js

Technical lead for a UK certification platform: more than 25 services serving several industry schemes across a mobile app, web portals and a card-checking app. 3,100+ commits across 41 repositories since 2023.

- Built the backend for the mobile app's new-application, replacement-card and renewal journeys, and took each through launch and post-launch support in 2025.
- Onboarded several certification schemes onto the shared platform with white-label login, virtual cards and NFC smartcard support.
- Delivered version 2 of the partner API for third-party IT partners end to end, live in April 2026.
- Re-architected notifications into one event-driven service on Spring Boot 4 and Java 25, with a feature-flagged cutover.
- Built hosted card payments with pre-authorisation, voiding, notifications and HMAC-SHA256 signature verification.
- Moved the Java services to a common Java 21 runtime and Spring Boot 3.5, moved secrets into AWS Parameter Store, and moved most core data from DynamoDB to relational storage.
- Led remediation of penetration-test findings, added distributed tracing, sped up CI pipelines, and formalised production release governance on AWS ECS.
- Built a PostgreSQL migration tool consolidating multi-million-record single-tenant databases into a multi-tenant architecture for a European telecommunications programme.
- Introduced Java code reviews across the team; Employee of the Month, March 2025.

Senior Software Engineer Systems Limited

Feb 2021 to Dec 2021

Stack: Java, Spring Boot, REST and SOAP, AWS, MariaDB, Kubernetes, Rancher, Jenkins

- Built enterprise backend services and supplier, customer and inventory modules with Spring Boot, REST and SOAP integrations, AWS and MariaDB.
- Built an Amazon Textract OCR module to automate document data extraction.
- Led the migration from Docker Swarm to Kubernetes, and administered clusters through Rancher and Jenkins.

Full Stack Engineer Aurora Solutions

Aug 2019 to Feb 2021

Stack: Spring Boot, AngularJS, MySQL, MongoDB, Elasticsearch

- Delivered a healthcare SaaS platform with Spring Boot and AngularJS, on MySQL, MongoDB and Elasticsearch.
- Built practitioner workflows for scheduling, billing, invoicing, reporting and SMS notifications, and patient discovery features.

Associate Software Engineer Global Rescue

Jul 2017 to May 2019

Stack: Java, ETL pipelines, REST APIs, XML and CSV processing

- Built Java ETL pipelines for travel data from CSV, XML, email and web sources, and REST APIs to share it across products.
- Developed traveller-tracking capabilities and operational tools for account managers.

Education

B.S. Computer Science, FAST-NUCES, Islamabad
2013 to 2017, GPA 3.72 / 4.00

Certification and languages

AWS Certified AI Practitioner (AIF-C01), April 2026
English (professional), Urdu and Punjabi (native)