

TAHA TAUQUIR

Senior Software Engineer | Java & Spring Boot | Backend and Distributed Systems

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Professional Summary

Backend-focused Software Engineer with 6 years of overall professional experience across permanent roles, contracts and freelance engagements. Advanced Java engineer building Spring Boot microservices, event-driven systems and production services across banking, fintech and customer-facing platforms. Strong in AWS, Kafka, REST APIs, relational databases, observability, CI/CD and end-to-end software delivery from design through production support. Eligible to work in the UK and available immediately for permanent software engineering roles.

Technical Skills

Languages: Java 8-21, SQL

Backend and Architecture: Spring Boot, Spring MVC, Spring Security, JPA/Hibernate, REST APIs, Microservices, Distributed Systems, Event-driven Architecture, System Design

Cloud and Messaging: AWS, API Gateway, SNS, SQS, EventBridge, Apache Kafka, RabbitMQ, Docker, Kubernetes

Databases and Caching: Aurora PostgreSQL, PostgreSQL, MySQL, Oracle, SQL Server, Redis

Testing and Delivery: JUnit, Mockito, Unit Testing, Integration Testing, System Testing, TDD, CI/CD, Jenkins, Maven, Gradle, Git, Git Flow, Code Review

Production Engineering: Splunk, Structured Logging, Monitoring and Alerting, Root-cause Analysis, Production Incident Management, Release Support, Performance Troubleshooting

Engineering Practices: Agile/Scrum, Full SDLC, Requirements Analysis, Technical Design, Production Support, Product and Operations Collaboration, Knowledge Sharing

Professional Experience

Senior Software Engineer (Contract) - HSBC Bank

Jun 2026 - Present

United Kingdom (Agency: Teksystems)

Leading the design and delivery of HSBC's server governance and environment-control capability across thousands of infrastructure endpoints, creating a centralised mechanism for deployment assurance, runtime visibility, configuration compliance and detection of unauthorised activity.

- Build Java and Spring Boot services and REST APIs for enterprise banking environments, taking deliverables from requirements and technical design through automated testing, deployment, release support and production troubleshooting.
- Investigate production defects across service boundaries using structured logging, monitoring and alerting, and root-cause analysis.
- Work with product, QA, SRE and security teams to implement long-term fixes and improve operational stability.

Technologies: Java, Spring Boot, REST APIs, Observability, CI/CD, Production Support

Senior Software Engineer (Contract) - Kewordal

Oct 2025 - Jun 2026

United Kingdom

Recreated the entire backend architecture as Java 21 and Spring Boot microservices on AWS, using Aurora PostgreSQL, REST APIs through API Gateway and event-driven workflows with SNS, SQS and EventBridge to support independently deployable product features.

- Owned features through design, implementation, automated testing, CI/CD, release and production troubleshooting.
- Contributed code reviews and incorporated AI agents into debugging, code quality and technical documentation workflows.

Technologies: Java 21, Spring Boot, AWS, Aurora PostgreSQL, API Gateway, SNS, SQS, EventBridge

Professional Experience Continued

Senior Java Developer - Mashreq Bank

Oct 2023 - Sep 2024

UAE (Consultancy: Systems Limited)

Delivered Java 17 and Spring Boot microservices for Customer Risk Rating, CRS/FATCA and secure document journeys, translating banking and regulatory requirements into REST APIs, relational data models and production-ready services.

- Designed event-driven service flows using Apache Kafka, Redis caching, idempotent processing and retry-safe failure handling.
- Used Docker and Kubernetes to support scalable deployment of business-critical banking workloads.
- Supported releases and production incidents using Splunk observability and root-cause analysis.
- Strengthened quality through JUnit, Mockito, CI/CD, code review, SonarQube, Veracode and close collaboration with product, QA, SRE and security teams.

Technologies: Java 17, Spring Boot, Kafka, Redis, Oracle, SQL Server, Docker, Kubernetes, Splunk

Senior Software Engineer - Centegy Technologies

Aug 2019 - Oct 2023

UAE-based

Developed Java, Spring Boot and Spring Security services for enterprise insurance platforms serving more than 20 clients, covering policy, claims, billing and third-party integrations through REST APIs and relational databases.

- Worked across the full software development lifecycle from requirements and design through implementation, automated testing, deployment and support.
- Used Git flow, code reviews and controlled CI/CD releases in Agile teams.
- Resolved production and performance issues through SQL optimisation, logging and defect analysis.
- Addressed penetration-test findings to strengthen security across customer-facing services.

Technologies: Java, Spring Boot, Spring Security, JPA/Hibernate, REST APIs, PostgreSQL, MySQL, Oracle, SQL Server

Education

MSc Computer Science - Distinction | Oct 2024 - Oct 2025

Nottingham Trent University, Nottingham, United Kingdom

BSc Software Engineering | Sept 2015 - May 2019

IQRA University, Karachi, Pakistan

Certifications

Microsoft Certified: Azure Fundamentals (AZ-900) | Issued September 2025 | Credential ID: wMoao-Fa44

Key Projects

Keywordal Learning Platform: Rebuilt the backend as Java 21 and Spring Boot microservices on AWS, using Aurora PostgreSQL, API Gateway, SNS, SQS and EventBridge for REST and event-driven workflows.

Banking Mobile Application - Mashreq Bank: Built Java 17 and Spring Boot microservices for Customer Risk Rating, CRS/FATCA, schedulers and secure document workflows, using Kafka, Redis, Oracle, SQL Server, Docker, Kubernetes, automated testing and observability.

Distributed File Management System: Built a concurrent multi-node Java system with AES encryption, file chunking, access control, scheduling, load balancing and synchronised persistence, applying multithreading and distributed-system design.

For more projects, visit www.taha-tauquir.com