

SHRIKANT THAKRE

Java Backend Developer | Spring Boot | Microservices | API Security

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PROFESSIONAL SUMMARY

Java Backend Developer with 4+ years of experience designing and building secure, high-throughput REST APIs and microservices for Lloyds Banking Group's Open Banking (PSD2) platform. Specialised in Spring Boot, Kafka-based event-driven architecture, and API security (OAuth2, JWT, mTLS, OIDC, JWE), with end-to-end ownership of CI/CD pipelines (GitHub Actions, Docker, Kubernetes) and enterprise API management on IBM API Connect and DataPower. Proven track record of resolving production-critical issues in a regulated banking environment.

TECHNICAL SKILLS

Languages: Java 8/11/17, SQL

Backend: Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Hibernate, REST API design, OpenAPI/Swagger

Microservices & Messaging: Spring Cloud (Eureka, OpenFeign, API Gateway), Resilience4j, Apache Kafka

Security: OAuth2, OpenID Connect, JWT/JWKS, JWE, mTLS, Basic Auth

Databases & Caching: PostgreSQL, MySQL, Redis, Caffeine Cache, Flyway

API Management: IBM API Connect, IBM DataPower (policies, routing, transformation)

DevOps & Cloud: Docker, Kubernetes (blue-green, canary), GitHub Actions, Maven, Git, SonarQube, Spring Boot Actuator, [AWS / Azure / IBM Cloud — add if applicable]

Observability & Ops: Splunk, Kibana, Dynatrace, ServiceNow (incident, change & problem management)

Frontend (working knowledge): React

PROFESSIONAL EXPERIENCE

IBM India Pvt. Ltd. — Application Developer

May 2022 – Present | Pune, India

Client: Lloyds Banking Group (UK) — Open Banking Platform

Open Banking API Development (AISP / PISP under PSD2)

Java 17, Spring Boot, Spring Security, Kafka, PostgreSQL, OAuth2, JWT, GitHub Actions, Docker, Kubernetes

- Designed and built Spring Boot microservices powering Open Banking AISP and PISP journeys, serving [X] third-party providers and processing [N] API requests per day under PSD2 regulatory requirements.
- Resolved a production 429 rate-limiting defect in a load-balanced, multi-instance environment by implementing a shared distributed counter, eliminating false throttling across [N] pods and reducing customer-facing errors by [X]%.
- Designed Kafka-based event pipelines to decouple consent, account and payment services, improving reliability and enabling asynchronous processing of [N] events per day.
- Built a wrapper API translating query parameters into header-based contracts for a legacy service, enabling client integration without changes to the downstream API.
- Migrated CI/CD pipelines to GitHub Actions and integrated SonarQube quality gates, reducing build/deploy time from [X] to [Y] minutes and enforcing [X]% code coverage.
- Implemented blue-green and canary deployment strategies on Kubernetes, achieving zero-downtime releases across [N] production deployments.

API Management — IBM API Connect & DataPower

IBM API Connect, IBM DataPower, OAuth2, OIDC, JWT, JWE, mTLS, Splunk, Kibana, Dynatrace, ServiceNow

- Configured and published [N]+ Open Banking APIs on IBM API Connect and DataPower, owning routing, authentication, request/response transformation and API policy definitions.
- Implemented JWKS caching with kid-based key selection for JWT validation, eliminating repeated JWKS endpoint calls and reducing authentication latency by [X] ms per request.
- Enforced API security policies using OAuth2, OpenID Connect, JWT, JWE, mTLS and Basic Authentication in line with Open Banking security standards.
- Managed API products and subscriptions for third-party providers, and monitored platform health and performance using API Manager, Splunk, Kibana and Dynatrace.
- Led triage and root cause analysis for [N] P1/P2 production incidents, coordinating with stakeholders and raising change/problem records in ServiceNow, with [X]% resolved within SLA.

CERTIFICATIONS

- IBM Generative AI Foundations — IBM, [2026]
- Microsoft Certified: Azure Fundamentals
- Claude Certified Architect – Foundations (CCA-F)

EDUCATION

Bachelor of Engineering (B.E.), [Computer Science Engineering]

2016 - 2020

Sant Gadge Baba Amravati University (SGBAU) • CGPA: 8.6