

KUSHAL SHARMA

Software Engineer · Backend-Focused Full Stack Developer

+91 8800191369 · kushalsharmaworks@gmail.com · [linkedin.com/in/kushalsharmaworks](https://www.linkedin.com/in/kushalsharmaworks) · kushalsharma.dev

Bengaluru, India · Open to relocation across Europe

SUMMARY

Backend-focused full-stack software engineer with 4+ years at A.P. Moller-Maersk, building and running **Java and Kotlin microservices** on Spring Boot, Kafka, and Azure Kubernetes. Promoted from Associate to Software Engineer; most recently led an operational writeback feature that **cut contract negotiation time for sales teams by ~25%**. Already embedded in a European engineering organisation, working daily with colleagues based in Germany and Denmark.

SKILLS

- **Backend & APIs:** Java, Kotlin, Spring Boot, REST, gRPC, GraphQL
- **Data & Persistence:** PostgreSQL, SQL, Hibernate, Liquibase, Flyway
- **Architecture:** Microservices, Event-Driven (Kafka), Caching (Redis, Caffeine)
- **Security:** OAuth2, OIDC, Spring Security, JWT
- **Frontend:** React, TypeScript, Next.js
- **Cloud & DevOps:** Azure, Docker, Kubernetes, Terraform, GitHub Actions (CI/CD)
- **Observability:** OpenTelemetry, Prometheus, Grafana

EXPERIENCE

A.P. MOLLER-MAERSK — Bengaluru, India

November 2021 – Present

Software Engineer

April 2025 – Present

- Led design and rollout of the operational writeback feature for sales teams, owning it from **API design through production**; adopted into daily sales workflows and recognised at an organisation-wide town hall.
- Improved **API reliability by 30%** across critical services by reworking error handling and tuning performance hot paths in **Kotlin and Java Spring Boot services**.
- Re-architected services into **Spring Boot microservices on Azure Kubernetes**, cutting infrastructure costs by 15% and enabling zero-downtime deployments.
- Moved cross-service workflows to asynchronous, **event-driven processing with Kafka** producers and consumers (Avro schemas), so services no longer block on each other.
- Raised automated test coverage in critical modules to **85%** through **GitHub Actions pipelines**, cutting regression escapes across releases; shipped via pipeline-driven **Kubernetes rollouts and Terraform** changes.
- Mentored junior engineers through code and design reviews, tightening testing practices until reviews stopped catching the same classes of defects.

Associate Software Engineer

August 2022 – March 2025

- Cut **API incidents by a quarter** through backend performance work and stricter error handling in production services.
- Built activity-tracking and team-filter features that exposed operational bottlenecks, and team throughput rose sprint over sprint.
- Delivered and maintained business-critical workflows on **PostgreSQL-backed services**; ran sprint ceremonies as part-time **Scrum Master**, improving sprint predictability.

Backend Developer (Internship)

November 2021 – July 2022

- Designed and optimised **REST APIs** for an internal Q&A platform serving thousands of daily queries, cutting response times and error rates.
- Shipped 4 major feature releases with a cross-functional agile team, taking each from spec through production.
- Improved Git workflows and **GitHub Actions CI/CD pipelines**, shortening release cycles and stabilising deployments.

PROJECTS

Auctor Platform — github.com/auctor-platform/auctor-platform

January 2026 – Present

- Built a policy-driven workflow platform (**Java 21, Kotlin, Next.js 14, gRPC, GraphQL, Redis**) covering definition authoring, policy evaluation, and execution, so compliance checks that would normally need a separate tool run inside the platform itself.
- Designed immutable versioned definitions with a **Caffeine + Redis cache layer** on the read-heavy gRPC paths, so evaluations stay fast no matter how many policy versions accumulate.
- Split definition and execution into independent services; **policy changes go live without a deploy or a restart**.

EDUCATION

Bachelor of Engineering, Electronics and Communication Engineering

Visvesvaraya Technological University (VTU) · Bengaluru, India · 2022 · GPA: 8.24/10

LANGUAGES & INTERESTS

Languages: English (fluent), Hindi (native)

Interests: MMA practitioner · Cross-cultural travel