

# Shubham Vijaykumar Dongare

Pune, Maharashtra | shubhamdongare9696@gmail.com | +91-7378304196 | LinkedIn | GitHub

## PROFESSIONAL SUMMARY

Backend Engineer with **3+ years** of experience building **microservices** and **event-driven systems** using **Java 17, Spring Boot 3, Kafka, Redis, and Docker**. Proven track record in banking, logistics, and SaaS domains with focus on API development, performance optimization, and system reliability.

## EXPERIENCE

### Software Engineer, Capgemini — Pune

Sept 2023 – Present

Financial Services — Retail Banking Transactions

- Built **Java 17 + Spring Boot 3 microservices** for transaction processing, improving efficiency by **40%** through optimized queries and async processing.
- Designed **event-driven pipelines** using **Kafka + Schema Registry** with Hexagonal Architecture for reliable message flows across 15+ services.
- Implemented **Transactional Outbox pattern** with **Hibernate** to ensure consistent database-to-event delivery.
- Reduced notification latency by **50%** by implementing **Redis caching** with TTL-based invalidation strategies.
- Secured **RESTful APIs** with **Spring Security, JWT, OAuth 2.0, and RBAC**, meeting compliance requirements.
- Refactored legacy monolith into **12 microservices** following **Domain-Driven Design** principles, reducing deployment time by 60%.
- Set up monitoring with **Prometheus, Grafana, and ELK Stack**, achieving **99.9% uptime**.
- Optimized **CI/CD pipelines** using **Docker, Jenkins, and Kubernetes**, reducing build time from 2 hours to 15 minutes.

### Software Engineer (Independent Contractor, Remote)

Aug 2022 – Aug 2023

- Developed backend modules for retail and logistics platforms using **Spring Boot, Hibernate, MySQL, and Redis**.
- Built secure **REST APIs** with **JWT authentication, OAuth 2.0, RBAC**, and multi-tenant data isolation.
- Created offline-first data sync using scheduled jobs and conflict resolution for distributed systems.
- Containerized services with **Docker** and automated deployments on **AWS EC2** using **GitHub Actions**.
- Implemented **Prometheus + Alertmanager** monitoring for proactive issue detection.

## KEY PROJECTS

### IntelStream – Real-Time Market Intelligence

GitHub

Java 17, Spring Boot 3, Kafka, Redis, WebSocket

- Built market data pipeline processing 100K+ events/sec using **Kafka partitioning** and **Redis caching**.
- Implemented technical indicators (RSI, Moving Averages) with Strategy Pattern for extensibility.
- Applied **CQRS pattern** for read/write separation, delivering sub-millisecond query performance.

### TransitFlow – Event-Driven Logistics Platform

GitHub

Spring Boot, Kafka, Redis, MySQL, Docker

- Developed an **event-driven logistics platform** orchestrating shipment lifecycle (ORDERED → RESERVED → DISPATCHED → DELIVERED) using **Kafka event streaming** with guaranteed message delivery.
- Ensured **fault-tolerant state transitions** leveraging the **Transactional Outbox Pattern**.
- Boosted tracking speed by **70%** through **Redis-backed caching** and real-time **WebSocket updates**.

### NexuInv – Enterprise Inventory Management

GitHub

Java 17, Spring Boot 3, Redis, PostgreSQL

- Designed inventory service using **Hexagonal Architecture** with event-driven updates.
- Implemented thread-safe operations with optimistic locking, **CQRS**, and **AOP metrics**.
- Added **Circuit Breaker (Resilience4j)**, **MapStruct** mappings, and audit logging.

## TECHNICAL SKILLS

**Languages:** Java 17, Java 11, Java 8

**Frameworks:** Spring Boot 3.x, Spring Boot 2.x, Spring Security, Spring Data JPA, Hibernate, REST APIs, React

**Messaging & Caching:** Apache Kafka, Redis, RabbitMQ

**Architecture:** Microservices, Event-Driven Architecture, CQRS, Domain-Driven Design, Clean Architecture

**DevOps:** Docker, Kubernetes, Jenkins, GitHub, AWS (EC2, S3, RDS)

**Databases:** MySQL, PostgreSQL, Redis

**Monitoring:** Prometheus, Grafana, ELK Stack

**Tools:** Git, Maven, Swagger, Postman, JUnit, Mockito, IntelliJ IDEA, Jira, Confluence

## EDUCATION

**B.E. in Information Technology, JSPM's BSIOTR, Pune**

2018 – 2022

CGPA: 8.89 / 10