

SHUBHAM CHAUHAN

Full Stack Developer | Java · Spring Boot · Microservices · Angular · AWS

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Professional Summary

Full Stack Developer with **4 years** of experience building scalable systems in **Java**, **Spring Boot**, **Angular**, and **AWS**. Builds **event-driven microservices** and **REST APIs** that handle **100K+ requests a day** at **99.99 % uptime**. Improves **performance** (up to **60 % lower latency**), sets up **CI/CD** pipelines, uses **AI tools** to ship faster, and mentors developers in **Agile** teams.

Technical Skills

Languages: Java 8+, TypeScript, SQL

Backend: Spring Boot, Spring Security, Spring Data JPA, REST APIs, GraphQL

Frontend: Angular (v9–v20), RxJS, HTML5, Tailwind CSS

Database & Caching: PostgreSQL, MySQL, MS SQL

Server, Redis

Cloud & AWS: EC2, S3, Lambda, API Gateway, RDS

Messaging: Apache Kafka, Amazon SQS

DevOps & CI/CD: Jenkins, Docker, GitHub Actions, GitLab CI/CD, Azure DevOps

AI Tools: Cursor, Claude Code (MCP, Agent Skills), LLM-assisted development

Testing: JUnit, Mockito, Integration Testing

Tools & Practices: Git, Maven, Postman, JIRA, IntelliJ IDEA, Agile/Scrum, Code Review

Architecture: Microservices, Multi-tenant, Event-Driven, Concurrent Processing, Multi-threading, Performance Optimisation

Familiar: Next.js, Datadog, Spring AI (RAG), Resilience4j

Professional Experience

QSS Technosoft Pvt Ltd

Sep 2022 – Present

Full Stack Developer

Noida, India

- Designed and delivered **9 containerised microservices** in **Spring Boot**, using service discovery, an API gateway, and circuit breakers. Connected them with **Apache Kafka** and **Amazon SQS** for **event-driven** messaging — together handling **100K+ requests a day** at 99.99 % uptime.
- Created secure **REST APIs** with **Spring Security**, **JWT**, **MFA**, and **OAuth 2.0**. Added **role-based access control (RBAC)** so each organisation's data stays separate in a **multi-tenant** setup.
- Found and fixed **multi-threading deadlocks**, then added concurrent processing — raising throughput by **40 %**. Tuned slow database queries and stored procedures, cutting latency by **60 %** on high-traffic endpoints.
- Introduced **AI-assisted development** with **Cursor** and **Claude Code (MCP)**. Wrote reusable **Agent Skills** — portable files that package instructions, scripts, and resources — to automate code review: checking **unit-test coverage**, **exception handling**, and **SQL/JPA query performance**, suggesting small fixes instead of rewrites, and keeping environment and secret files out of AI context.
- Mentored junior developers on backend architecture, system design, design patterns, and AI tools. Named **Key Contributor 2025** for technical leadership and ownership.

Invest Mango

Jun 2022 – Sep 2022

Java Developer

Noida, India

- Wrote **Spring Boot schedulers** that process **50K+ leads a month** from third-party real estate portals. Designed real-time **lead-assignment rules** that made the sales team **35 % more efficient**.
- Tuned SQL queries and redesigned database schemas, making reports generate **60 % faster** and the platform more responsive.

Key Projects

Dental Supply E-Commerce Platform

Java 21 | Spring Boot | Angular | PostgreSQL | Redis | AWS | Docker

Senior Full Stack Developer

- Led the migration of a **legacy monolith** to **Angular** and **Spring Boot microservices** across the orders, users, and payment domains. Turned **Figma** designs into reusable Angular components.
- Used AI workflows (**Claude Code with MCP**) to speed up development — generating boilerplate, tracking down business-logic bugs, and checking API contracts against the UI specs.
- Set up **Spring Security** with **JWT authentication**, REST API versioning, and pagination for large catalogue endpoints. Added a **Redis cache-aside layer** with TTL-based invalidation for catalogue and pricing reads, cutting **p95 latency** on high-traffic endpoints.

Product Information Management System (PIM)

Spring Boot | PostgreSQL | AWS (EC2/S3/RDS) | Docker | Kubernetes

Backend Developer

- Designed a highly available set of **Spring Boot microservices** using **service discovery**, **API gateways**, and **circuit breakers**. Tuned **PostgreSQL** schemas for read-heavy work with better indexing and connection pooling.
- Automated service deployments with **Docker**. Worked with product leads to design the backend and define API contracts.
- Developed **concurrent processing pipelines** with **ExecutorService**, **Callable**, and **@Async** to enrich data in parallel, driven by **event-driven** messaging. Kept it thread-safe using **synchronized** blocks and **AtomicInteger**, which improved bulk throughput.

Lead Management System

Java / Spring Boot / MSSQL / Azure DevOps / Multi-tenant

Java Developer

- Set up a **multi-tenant** Spring Boot backend that keeps each enterprise client's data separate and compliant on shared infrastructure.
- Built reliable **data sync** for an offline-first mobile app used in low-connectivity areas. Tuned stored procedures and added **database partitioning**, cutting processing time by **50 %** on large datasets.

Appointment & Queue Management SaaS Platform

Angular 20 / GraphQL / AWS S3 / GitLab CI/CD

Senior Developer

- Built a **multi-tenant SaaS** appointment platform with **30+ lazy-loaded feature modules**. Upgraded **Angular from v9 to v20** step by step (moving to standalone components) with no feature downtime, and set up **GitLab CI/CD** pipelines for hands-off deployments.
- Added export pipelines with **jsPDF** and **AG Grid**, plus calendar sync with **Google** and **Office 365**.
- Delivered a real-time **kiosk and digital-signage system** for on-site check-ins and live queue tracking, using **GraphQL (Apollo Client)** with no-cache policies to keep data accurate.

Education

ABES Institute of Technology

Dr. APJ Abdul Kalam Technical University

2019 – 2023

Ghaziabad, India

- **Bachelor of Technology** in **Computer Science and Engineering**.
- First Division with Distinction.

Certifications & Achievements

- **Key Contributor Award** – QSS Technosoft (2025), for leadership and ownership on critical projects.
- **AWS Certified Solutions Architect – Associate** (In Progress; Expected 2026).
- **Java with Data Structures and Algorithms** – Coding Ninjas (2022).
- **7th Position** – Smart India Hackathon 2022 (Backend Team Lead) | **1st Position** – Pitch-a-Biz Business Prototype Competition (Technical Lead).