

Khushi Chauhan

Senior Software Development Engineer

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SUMMARY

Full-stack Software Engineer with 4+ years of experience in delivering stable, high-impact systems in the fintech and core banking space. Shipped billing and pricing platforms used by European banks, with deep expertise in building robust backends using **Java and Spring Boot** and dynamic frontends with **Angular**. Hands-on ownership of **CI/CD, containerization, and cloud-native deployments**. Known for building clean, scalable systems and driving delivery end-to-end across product, engineering, and infrastructure.

EXPERIENCE

Senior Software Development Engineer

Jan. 2024 – Present

Sopra Banking Software

Noida, India

- Played a **pivotal role** in backend development of **Billing and Pricing Solutions** for European banks, designing scalable microservices using **Java (Spring Boot)** and **Reactive Programming**, with secure **RESTful APIs** and **JWT-based authentication** to ensure **data protection** and meet **regulatory compliance**.
- Built and maintained Angular-based UIs with **90%+ end-to-end test coverage** using **Cypress**, and supplemented it with unit/component testing via **Jasmine** and **Karma**, resulting in **over 80% reduction in frontend regressions**.
- Developed reliable backend test coverage using **JUnit** and **Mockito**, minimizing production defects and increasing deployment stability.
- Supported and enhanced **cloud-native deployments** using **ArgoCD, Helm, and Kubernetes**; containerized services with **Docker**; and contributed to **observability** through **Grafana** and **Kibana** to maintain system performance and uptime.
- Collaborated closely with cross-functional teams, **stakeholders**, and **DevOps** to gather custom requirements and deliver solutions within tight deadlines, while actively contributing to **system design discussions**, code reviews, and **Agile ceremonies**.

Software Development Engineer

Aug. 2021 – Dec. 2023

Sopra Banking Software

Noida, India

- Contributed to backend development in **Java (Spring Boot)** for core modules such as user provisioning and configuration management, maintaining **85%+ unit test coverage** using **JUnit** and **Mockito**.
- Led the **migration of production infrastructure** from France to India, improving system latency and reducing **cloud operating costs by over 30%** while maintaining high availability and compliance.
- Built internal tools for import/export of configuration data using **MongoDB**, streamlining deployment workflows and reducing setup time across partner banks.
- Developed a self-hosted documentation portal using **Hugo** and **NGINX**, significantly improving onboarding efficiency and internal knowledge sharing.
- Participated in **Agile sprints**, contributing to cross-functional collaboration, backlog grooming, and iterative feature delivery aligned with stakeholder expectations.

TECHNICAL SKILLS

Languages & Frameworks: Java, Spring Boot, Angular, Reactive Programming

API Development & Security: REST, JWT, OpenAPI/Swagger

Testing & QA: JUnit, Mockito, Cypress, Jasmine, Karma, k6

DevOps & Deployment: Docker, Kubernetes, Helm, ArgoCD, Maven, Gradle, CI/CD, Hugo, NGINX, AWS (Amazon Web Services)

Monitoring & Observability: Grafana, Kibana

Messaging & Streaming: Kafka, Avro Schema

Databases: MongoDB, MySQL

Tools & Collaboration: Git, JIRA, Confluence, Nexus, jFrog

Other Skills: Microservices Architecture, Data Structures and Algorithms

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University (AKTU)

Bachelor of Technology (B.Tech), Computer Science and Engineering

- Graduated with **90.3% aggregate**.

Lucknow, India

2017 – 2021

PROJECTS

URL Shortener Service

Tech Stack: **Java, Spring Boot, MySQL, Angular**

- Built a **full-stack application** to shorten long URLs and manage link mappings per user.
- Implemented secure **user authentication** using **JWT**, allowing users to create, edit, and delete their short links.
- Added **analytics tracking** for each link, including **number of clicks** and **location-based insights**.

Expense Tracker with Multi-User Support

Tech Stack: **Java, Spring Boot, MongoDB, Angular**

- Developed a **multi-user expense tracking system** with secure **JWT-based login** and role management.
- Enabled users to **categorize expenses**, generate **visual summaries**, and monitor **monthly budgets**.
- Designed a **user-friendly frontend** in **Angular** for adding, editing, and viewing personal and shared expenses.