

Suman Talukdar

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<https://jiraiyasuman.github.io/portfolio/>

□ Professional Summary

Results-driven **Java Application Developer** with and experience of 4.5 years expertise in **Spring Boot, REST APIs, microservices, and cloud deployment**. Proven ability to design, develop, and optimize enterprise applications, reducing downtime and improving scalability. Skilled in full-stack development with a focus on backend performance, containerization, and CI/CD pipelines. Adept at collaborating with cross-functional teams to deliver high-quality software in agile environments.

□ Professional Experience

ICICI Bank Ltd. – Deputy Manager | Feb 2023 – Present

- Automated account-opening workflows using Java-based applications, reducing processing time by **30%**.
- Resolved **95% of application errors** within SLA by implementing monitoring tools and optimizing backend services.
- Collaborated with IT teams to migrate legacy workflows to **Spring Boot microservices**, improving system uptime to **99.8%**.
- Developed and Integrated voice assistant AI in customer care services.
- Mentored 5+ new joiners on hands on training and workflow activities.
- Managing compliance, internal audit in the office and end-to-end processes, data quality analysis of account information.

Axis Bank Ltd. – Deputy Manager IT | Jul 2022 – Jan 2023

- Developed and deployed **Spring Boot microservices** to handle core banking features, cutting system downtime by **20%**.
- Developed, tested and deployed the Leave management system application for the organization.
- Developed an application which tracked any logistical and documentational status in the organization.
- Designed and implemented **unit tests (JUnit, Mockito)** achieving **85% code coverage** across multiple applications.
- Streamlined feature update cycles by introducing **Agile sprints**, reducing release time from monthly to bi-weekly.

Kotak Mahindra Bank – Back Office Team Leader | Feb 2022 – Jul 2022

- Led a team of 6 in supporting Java-based banking applications with **99% uptime**.
- Coordinated system maintenance and enhancements, reducing customer complaint tickets by **15%**.
- Developed and deployed a web application which handled loan kycs via online.

- Partnered with developers to plan feature updates and ensure smooth deployments.

□ **Key Projects**

Expense Tracker (Spring Boot, Express.js, MySQL, Redis, Docker, Kubernetes, Jenkins, AWS)

- Built a **RESTful API** to manage user expenses with **JWT authentication** and caching for **40% faster response times**.
- Implemented **CI/CD pipeline with Jenkins**, reducing deployment failures by **50%**.
- Deployed on AWS using **Docker & Kubernetes**, ensuring high availability and scalability.

Real-Time Chat Application (Spring Boot, WebSockets, MongoDB, MySQL, Tailwind CSS, JavaScript)

- Developed real-time messaging with **WebSockets**, supporting **1K+ concurrent users** with low latency.
- Optimized queries, reducing database read/write latency by **25%**.

Ride Booking App (Spring Boot, React, JWT, Google Maps API, MySQL)

- Designed and deployed a **ride-hailing backend** with **role-based access** for drivers and riders.
- Integrated **real-time ride tracking**, reducing booking errors by **35%**.
- Built **payment integration**, processing transactions securely with **99.9% accuracy**.

(Additional projects: Social Media App, Online Rental Listings, Video Call App – available on GitHub.)

□ **Education**

Manipal University – MBA, Information Technology | 2024 – 2026 (Ongoing)

Manipal University – Master's in Banking and Finance | 2023 – 2024 | 87.5%

St. Xavier's College – B.Sc.(Hons) Chemistry | 2015 – 2018 | 64.7%

□ **Languages Known**

Bengali – Fluent (Mother Tongue)

Hindi – Fluent

English – Fluent

Punjabi – Fluent

Japanese - Beginner (currently learning, JLPT N5 target)

□ **Technical Skills**

- **Backend:** Java (J2EE, Spring Boot, Spring MVC, Microservices, Hibernate, JPA, Spring Security, Spring AOP)
- **Frontend:** React.js, HTML5, CSS3, JavaScript, Thymeleaf, Tailwind CSS, Bootstrap,

Ajax, JQuery, Angular(Learning)

- **Architecture:** Monolithic, Microservices, Spring MVC
 - **Databases:** MySQL, MongoDB, Redis
 - **DevOps & Cloud:** Docker, Kubernetes, Jenkins, AWS, Git, CI/CD pipelines via Jenkins, GCP, Azure, Heroku, Railway, Render, Vercel
 - **Testing:** JUnit, Mockito, Postman, Swagger, SoapUI.
 - **API security** – Spring security , JWT, OAuth2 with Keycloak
 - **Other Tools:** Kafka, RabbitMQ, REST APIs, OAuth2, JWT
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Certifications & Online Learning

- *Spring Boot Microservices with Spring Cloud* – Udemy (2023)
- Spring Boot Testing with JUnit and Mockito – Udemy (2023)
- 100 Days Of Code: The Complete Python Pro BootCamp – Udemy (2022)
- Aimerz Full Stack Java Developer – Aimerz
- Certified Google Project Management Associate – Coursera(2025)
- IBM CyberSecurity Fundamentals-(2025).