

Mr. Gaurav Y. Talele

Sr. Java Full Stack Engineer

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Tech Stack: Java | Spring Boot | Microservices | Apache Camel | Apache Kafka | Spring Batch | Angular | Oracle | Redis | MongoDB | REST API | GraphQL | IBM MQ | Docker | AWS | Ansible Tower | GitLab | CICD | Python | ISO15022 | ISO20022



SUMMARY

With 8+ years in technology, I bring expertise in **Application Development** and **DevOps**, delivering scalable, enterprise-grade solutions using modern tech. My experience spans global finance at **BNY Mellon** and **national impact at the Reserve Bank of India**. Backed by a skill-based degree and hands-on project work, I am **committed to driving progress** through creative problem-solving and effective execution.

WORK EXPERIENCE

Bank Of New York and Mellon

Sr. Full Stack Engineer

Serving clients globally as the largest custodian bank for over 240 years.

Pune, Maharashtra

Jan 2022- Present

- Worked for SWIFT in the **Derivative Margin and Collateral Management** division for the ecosystem of High-Value Bank-to-bank international Payment Transactions.
- Designed and **developed Self Service Portal** for New edged microservices configurations for multiple clients like Bridgewater, OnCore, GMAgency etc.
- Designed and scaled a Spring Boot service to process high-volume **SWIFT collateral payments, ensuring ISO 20022** compliance for global banking clients such as Bridgewater and GM Agency. Managed workflows for **MT202, MT210, MT292, MT103, MT192, pacs009, camt057, and camt056**, facilitating high-value bank-to-bank collateral transfers.
- **Designed and developed Apache Camel Based Generic Micro Services** for reporting in which the multiple reports will be sent across multiple clients based on a database configuration.
- **Accelerated release cycles by 80% by implementing end-to-end CI/CD pipelines** using Python, GitLab, Ansible and Ansible Tower reducing downtime and deployment errors across 20+ services.
- Modernized legacy fintech systems by migrating internal and external portals to Java JDK 17+, **improved performance benchmarks by 30%** and reducing technical debt, resulting in enhanced maintainability and security compliance.
- **Designed and developed automated settlement workflow for SWIFT payments using IBM MQ messaging Queue** for Smart Streams TLM in Cash, Interest, Substitution and Margin Call.
- **Implemented IBM MQ Encryption protocol** across the DMM platform services.
- Played a crucial role in database password change across the 238 accounts in the bank as a part of US FED regulations.
- Technologies I Have worked here on: Java, Spring Boot, Apache Camel, Angular, IBM MQ, Python, Streamlit, Flask, Oracle, Snow flake, Docker, Ansible, Ansible Tower, GitLab, AWS S3, EC2 etc.
- Standards I have worked on: **ISO15022, ISO20022 MT and MX SWIFT Payments.**

Reserve Bank Information Technology Pvt. Ltd.

Full Stack Engineer

A company setup By India's Central Bank (Reserve Bank of India) for all its Software Development needs.

Mumbai, IN

Jul 2020 - Feb 2022

- Spearheaded end-to-end development of a regulatory sandbox fintech platform using Spring Boot, Angular, Docker, Oracle, and AWS, enabling secure API testing and reducing time-to-compliance for financial institutions by 40%.

- Played a key role and individually contributed the development of Admin Dashboard, Jasper MIS Reports and User Recertification modules.
- Technologies I Have worked here on **Angular, Prime Ng, Spring Boot, Oracle, Jasper Reports, Docker GitLab and AWS.**
- Implemented a secure coding standard suggested by National CISO team. additionally, written a SOP to enhance security of java Spring Boot based applications.
- POC developed for SAP HANA workflows using Spring Boot, Apache Kafka Connect and Angular using Change Detection Capture Design Pattern

Mahindra and Mahindra Ltd

Full Stack Engineer [Neo Soft Tech Ltd. CMM-V]

A leading service-based organization with CMMI Level 5 accreditation

Mumbai, IN

Oct 2018 – June 2020

- Designed, architected Chat Application and Qlik Sense Chatbot framework using Angular, Node JS, MongoDB, Docker, AWS etc. A fully configurable chatbot framework using admin portal.
- developed end to end Mahindra Chat App from scratch using Angular7, Node JS and mongo DB. Involved in required gathering to production deployment.
- Provided technical leadership in cross-team initiatives, mentoring junior developers, driving code quality and architectural decisions, and successfully bringing high-impact applications from design to production with a focus on performance, security, and maintainability
- Technologies I Have worked here on **Angular, Node JS, MongoDB, Docker, GitLab and AWS**

63 Moons Technologies India Limited

Software Engineer

India's No 1 Stock Exchange Trading Platform Provider

Mumbai, IN

Mar 2017 – Oct 2018

- Herewith, I worked on SMC Global Project.
- Developed analytics dashboard covering Equity, Commodities, F&O, Currency, and Fundamentals with 15+ dynamic widgets—enhancing trader insights and investor profiles
- Engineered a real-time analytics engine using Redis Cache and Spring Boot REST APIs, capable of generating alerts for 72+ business rules, significantly improving proactive decision-making for brokers and reducing reaction time in volatile market conditions
- Developed overall health Indicator for scrip which gives an overall scrip information with fundamentals in an animated graphical format using animated tree chart of D3.
- Technologies I Have worked here on **Angular, Spring Boot, SQL Server, Redis, Docker, GitLab and AWS**

EDUCATION

- **PG-DAC (Post Graduate Diploma in Advanced Computing)** - University of Mumbai – First Class with Distinction
- **Bachelor Of Engineering** - University of Mumbai – First Class with Distinction

ACHIVEMENTS

- **BNY Mellon's Spot Light Award Year 2025:** For successful implementation of Release Automation Project.
- **BNY Mellon's Passion for Excellence Award Year 2024:** For successfully implementing MQ TLS.
- **Passion for Excellence Award:** For excellent contribution in UMR Phase 6 IMSEG project. (September 2022)
- **Best Performer of The Year 2019** from Neo Soft Technologies.

STRENGTHS

- **Thrive for Process Optimization by Employing Automation.**
- **Driven by innovative solution delivery and a continuous improvement mindset.**
- **Trusted Team Contributor**

LIFE PHILOSOPHY

I strive to grow every day, tackle challenges with a positive mindset, and create lasting value in everything I do.

- Gaurav Talele