

ROHIN SINGH

FULL STACK ENGINEER

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PROFESSIONAL SUMMARY

Full Stack Engineer with 8+ years designing and delivering scalable, business-critical web applications end to end across banking and financial services. Strong across ReactJS front-ends, Spring Boot microservices and REST APIs, DevOps and CI/CD, and relational databases (Oracle, MS SQL, PostgreSQL) - shipping reliable software that cut release cycles by 40% on Tier-0 platforms.

CORE COMPETENCIES

Full Stack Development · ReactJS & TypeScript · Spring Boot Microservices · REST API Design · DevOps & CI/CD · SQL / Database Design · System Design · Agile / Scrum

KEY ACHIEVEMENTS

- Delivered a Tier-0 corporate-actions platform end to end (ReactJS + Spring Boot), cutting release cycles by 40% via CI/CD and automation.
- Architected and optimized Spring Boot microservices and REST APIs, improving performance and reliable Oracle / MS SQL integration.
- Built a reusable ReactJS component architecture, streamlining feature development and reducing code duplication across modules.

WORK EXPERIENCE

Northern Trust Pune, Maharashtra
Lead Engineer Feb 2023 - Present

- Leading development and maintenance of Corporate Actions - a Tier-0 business-critical app using ReactJS, Spring Boot, Oracle, and MS SQL.
- Built and enhanced ReactJS frontend modules with reusable component architecture, streamlining feature development and improving maintainability.
- Architected and optimized Spring Boot microservices, improving API response times and ensuring reliable integration with Oracle and MS SQL databases.
- Designing and implementing scalable RESTful APIs and backend services in Spring Boot, optimizing data processing workflows and improving application performance.
- Integrated CI/CD pipelines and automation (Jenkins, Docker, SonarQube), reducing release cycles by 40% and improving platform reliability.

Ernst & Young Mumbai, Maharashtra
Senior Consultant Sept 2021 - Feb 2023

- Developed full-stack web applications using React.js, Redux, and Spring Boot with API integrations.
- Delivered responsive UI screens leveraging modern NPM libraries and Redux state management.
- Built reusable UI components (MessageDrawer, GenericModal, ErrorCard) to standardize development.

BNP Paribas India Solutions Pvt. Ltd. Mumbai, Maharashtra
Software Engineer June 2018 - Sept 2021

- Delivered complete lifecycle solutions from design to deployment for HR and Compliance applications.
- Automated workflows improving efficiency and ensuring audit compliance.
- Created D3.js data visualizations enabling better decision-making.
- Led sessions on D3.js and Clean Code, fostering maintainable development.

EDUCATION

Watumull College, Mumbai University Mumbai, Maharashtra
Bachelor of Engineering in Computer Engineering GPA: 6.75 CGPA Aug 2015 - June 2018

Vidyalankar Polytechnic, MSBTE Mumbai, Maharashtra
Diploma in Computer Engineering GPA: 79.81% Sept 2013 - Jul 2015

TECHNICAL SKILLS

Frontend: ReactJS, Redux, JavaScript, Jest, Testing Library, TypeScript
Backend: Java, Spring Boot, RESTful APIs, Microservices, Kafka, Spring Security, Liquibase
DevOps: GitHub, Azure, PCF, Docker, Jenkins, SonarQube, CI/CD, Swagger
Databases: Oracle, MS SQL, PostgreSQL

PROJECTS

Corporate Actions (CA) JavaScript, React, Spring Boot, Cucumber, Selenium, MS SQL, Oracle
Built an operational platform enabling seamless management of corporate actions (Events, Instructions, Cash & Stock movements). Integrated CI/CD pipelines and automation suites, reducing release cycles by 40% and improving platform reliability.

Compliance Ethics Tool (COMeT) Velocity Template, JavaScript, Spring MVC, Oracle, MS SQL
Designed and implemented a compliance solution for APAC/UK regulators, featuring employee record search, form processing, and dynamic report generation. Reduced manual compliance processing time by 35%.

Resource Information Management System (RIMS) Angular 6, TypeScript, D3.js, Spring MVC, Python, Oracle
Developed a full-stack competency tracking system that visualized workforce skills and training gaps through interactive dashboards. Improved project allocation efficiency by 20%.