Rishabh Singh
Software Engineer

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Software Engineer with hands-on experience in Java, Spring Boot, and distributed backend systems. I work on API optimization, service reliability, and maintainable application design. **OCJP-11** certified.

SKILLS

Programming Languages	Java, Javascript, Typescript
Backend	Spring Boot, Spring Security, Spring Data JPA, Node.js + Express, RESTful APIs, Microservices, Aspose.Slides, PostgreSQL, Oracle SQL, MySQL, MongoDB, Redis
Frontend	React.js, Next.js, React Native (Expo), HTML5, CSS3, Tailwind CSS
DevOps & Cloud	Docker, Linux (Ubuntu), Nginx, CI/CD (GitHub Actions), OpenShift, AWS - EC2, S3, IAM
Tools & Testing	Git & Github, Bitbucket, Jira, Maven, Postman, Swagger, IntelliJ IDEA, VS Code, JUnit, Mockito

TECHNICAL EXPERIENCE

Software Engineer   **Jun 2024 — Present**
LTIMindtree   *Pune, MH . Onsite*

- Completed an intensive 4-month Java Full Stack training in Core Java, Spring Boot, and Angular, and cleared OCJP 11 with distinction—establishing a strong foundation in backend engineering.
- Developed production-grade REST APIs for **BRCC Command Center**, a governance reporting platform used across 5+ enterprise units supporting governance workflows, improving response times by **80%** through async processing and redis cache.
- Designed metadata-driven backend architecture and implemented **Aspose.Slides** utilities to dynamically generate governance decks, reducing manual slide-preparation effort by **60%**.
- Collaborated across front-end, QA, and product teams during SIT/UAT, resolving defects and improving service reliability, contributing to a **35%** reduction in release-cycle issues.
- Managed deployment pipelines in Harness across testing environments, improving deployment consistency by **20%**, accelerating validation before production release.

Frontend Developer   **Jan 2024 — Jun 2024**
MakerStudio   *Chennai, TN . Remote*

- Orchestrated the development of cross-platform mobile applications utilizing React Native, Expo, and TypeScript, implementing efficient code structure and reusable components, resulting in a **20%** increase in code reusability.
- Designed and delivered responsive, visually consistent user interfaces using NativeWind and Tamagui-inspired frameworks. Collaborated closely with the team lead and backend engineers to convert Figma designs into consistent, production-ready UI components, improving design fidelity and reducing rework by **40%**.

PROJECTS

BRCC Command Center   **Jan 2025 — Present**
Enterprise Governance & Reporting Platform

- Contributed to one of the core microservices enabling automated BRCC deck generation, improving governance reporting accuracy, reducing manual effort, and supporting enterprise-wide policy and regulatory alignment across multiple committees.
- Created robust utility modules to process text, tables, and images with enhanced error handling, cutting content-processing failures by **70%** across SIT/UAT cycles.
- Improved system performance by diagnosing complex data-flow issues, optimizing SQL queries, and refactoring core backend components—reducing execution time of key workflows by **30–40%**.
- Collaborated with cross-functional teams to integrate backend workflows, streamline release processes, and ensure consistent delivery across Dev, SIT, and UAT environments.

CloudNest   **Oct 2025 — Dec 2025**
Distributed Cloud File Storage Platform

- Built a full-stack cloud file management system with a clean Next.js App Router interface for file uploads, real-time progress, previews, filters, and public link sharing. Implemented secure authentication in **Spring Boot**, including JWT login, email-based password reset, and Nginx-backed authorization, reducing unauthorized access attempts by **99.99%**.
- Architected a microservices setup using Docker, **Nginx** Gateway, Postgres, S3-compatible storage with signed-URL uploads, and a worker service powered by a Redis message queue handling background thumbnail generation. Increased throughput of Spring Boot containers by **30%** using layered JARs and JVM memory tuning for performance on lightweight VPS.
- Engineered a robust **CI/CD** workflow enabling safe rolling updates, automated SSL, health checks, and structured routing. Added monitoring using Dozzle and UptimeRobot, improving debugging and uptime visibility by **60%**.

EDUCATION

Bachelor of Technology in CSE, *MIT ADT University*   Jul 2023