Aman Rai

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PROFESSIONAL SUMMARY

Backend Software Engineer with 2+ years of experience building scalable microservices using Java and Spring Boot. Skilled in optimizing performance, automating deployments with Docker and Jenkins, and contributing to frontend features with React. Focused on clean code, collaboration, and delivering business value.

EDUCATION

JSS Academy of Technical Education — Noida, U.P.

B.Tech in Electronics & Communication Engineering | CGPA: 8.21 — *July 2019 – June 2023*

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python
Web Technologies: HTML, CSS, TailwindCSS, REST APIs, WebSockets
Frameworks & Libraries: Spring Boot, Node.js, Express.js, React
Databases & Caching: MongoDB, MySQL, Redis
DevOps & Cloud: Docker, AWS, Jenkins, CI/CD, Linux
Version Control: Git, GitHub
Authentication & Security: JWT, OAuth2
Observability & Monitoring: Elasticsearch, Logstash, Kibana
Tools & Utilities: Postman

EXPERIENCE

Associate Software Engineer II — Mar. 2024 – Present

Rxlogix Corp. Pvt. Ltd. — *Noida, India*

- **Optimized and refactored** a performance-critical application using **Java (Spring Boot)** for backend services and **React** for frontend, boosting overall **application performance by 20%** .
- **Utilized Docker for containerization and implemented CI/CD pipelines using Jenkins**, accelerating deployment cycles by **15%** and reducing deployment time by **25%**.
- **Designed and developed RESTful APIs and microservices** using **Spring Boot and Node.js**, enhancing system scalability and modularity.
- **Collaborated with cross-functional teams** to resolve production issues and optimize system performance, enhancing team throughput by **10% through improved debugging** and incident response.

Associate Software Engineer I — Mar. 2023 – Mar. 2024

Rxlogix Corp. Pvt. Ltd. — *Noida, India*

- **Designed** scalable backend systems using **Java and MERN** to efficiently handle data-driven workflows.
- Implemented **authentication and authorization** mechanisms using **JWT** , strengthening system security.
- **Documented backend architecture and wrote detailed technical documentation**, improving knowledge sharing across teams.

PROJECTS

Postmaker | *Node.js, Express.js, MongoDB, Mongoose, Tailwind CSS, WebSockets*

- Developed real-time full-fledged **social media platform** where users can post, engage with friends and interact.
- Built a **real-time chat** system using **WebSockets**, enabling seamless messaging between friends.
- Developed a **secure backend** to handle authentication, post creation, messaging, and feed generation.

Autopilot | *Java, Spring Boot, React, MongoDB*

- Built an automation tool to **automate manual workflows**, enhancing efficiency and accuracy.
- **SQL scripts, Shell scripts and REST APIs** can be attached on the fly and gets executed automatically.
- Optimized installation, **reducing setup time by 35%**.

TripMate | *Node.js, Express.js, MongoDB, React, Mongoose, TailWind CSS, AI integration*

- Built a **MERN stack app** for trip guidance, tracking, navigation and magic search.
- Implemented user authentication features using **JWT and bcrypt** to store user information securely.
- Integrated **AI and Google Maps API** for route generation, real-time tracking and smart destination suggestions.