Aman Rai

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PROFESSIONAL SUMMARY

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.

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Object-Oriented Programming
- DBMS
- Operating Systems
- Software Engineering
- Computer Networks
- Cloud Infrastructure
- DevOps Fundamentals

WORK EXPERIENCE

Associate Software Engineer II — Mar. 2024 – Present
Rxlogix Corp. Pvt. Ltd. — *Noida, India*

- Refactored a **Spring Boot**-based backend and **React** frontend, improving performance by **20%**.
- Implemented **Docker**-based containerization and **Jenkins CI/CD** pipelines to streamline deployments.
- Developed **RESTful APIs** and **microservices** using **Spring Boot** and **Node.js**.
- Collaborated with cross-functional teams to resolve **production issues** and enhance **system stability**.

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 get 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.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python
Web: HTML, CSS, TailwindCSS, REST APIs, WebSockets
Frameworks: Spring Boot, Node.js, Express.js, React
Databases: MongoDB, MySQL, Redis
DevOps: Docker, Jenkins, CI/CD, Linux, AWS
Tools: Git, GitHub, Postman
Security: JWT, OAuth2

EDUCATION

JSS Academy of Technical Education — Noida, U.P.
B.Tech in Electronics & Communication Engineering | CGPA: 8.21 — *July 2019 – June 2023*