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.

Coursework

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

Work Experience

Associate Software Engineer II   Mar. 2023 – Present
Rxlogix Corp. Pvt. Ltd.   *Noida, India*

- Architected, developed, and optimized **microservices** using **Java (Spring Boot)**, **Node.js**, and **React**, improving system scalability and maintainability across enterprise applications.
- Implemented robust integrations with **RESTful APIs**, **relational and NoSQL databases**, and third-party platforms to enhance data-driven business workflows and analytics.
- Delivered high-performance backend modules with focus on **clean architecture**, **code reusability**, and **unit testing**, reducing production bugs and improving deployment efficiency.
- Collaborated with **DevOps, QA, and UI/UX** teams to streamline CI/CD pipelines, automate deployments, and ensure end-to-end product stability.
- Contributed to performance tuning, API optimization, and implementation of **secure authentication (JWT/OAuth2)** and **scalable cloud deployment** best practices.

Projects

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

- Built a full-featured **social media app** with posts, friend requests, real-time feeds, and profile management.
- Implemented a scalable **WebSocket-based chat system** with active user tracking and instant message delivery.

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

- Developed an internal **workflow automation tool** to run SQL/Shell scripts and **REST APIs** dynamically.
- Reduced manual operations by enabling on-the-fly execution and real-time output monitoring.

CodePilot | *Spring Boot, Java, React, Tailwind CSS, MongoDB, DeepSeek, LLaMA*

- Built an AI-powered code review assistant that analyzes commits, detects bugs, and provides intelligent feedback using DeepSeek and LLaMA models.
- Developed a full-stack system with Spring Boot REST APIs, React + Tailwind frontend, and MongoDB for review history and insights.

Skills

Languages:	Java, JavaScript, Python
Web:	HTML, CSS, Tailwind CSS, REST APIs, WebSockets
Frameworks:	Spring Boot, Node.js, Express.js, React
Databases:	MongoDB, MySQL, PostgreSQL, Redis
DevOps:	Docker, Jenkins, CI/CD, Linux, AWS, GCP
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*