

# 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*

- Designing, developing, and maintaining **Java(Spring Boot)**, **Node** and **React**-based **microservice** applications using modern frameworks and technologies.
- Integrating backend services with **databases**, **RESTful web services**, and external APIs to support critical business workflows.
- Writing clean, modular, and scalable code following industry **best practices** and established coding standards.
- Collaborating with cross-functional teams including QA, DevOps, and UI/UX designers to ensure timely and high-quality project delivery.

## 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, React, MongoDB, LLama, DeepSeek, AI integration*

- Built an **AI-powered code review tool** that analyzes pull requests and suggests improvements in real time.
- Integrated **LLama** and **DeepSeek** to interpret code context and provide smart feedback.
- Added GitHub repository analysis to review entire codebases and suggest improvements at the repository level.

## 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

**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*