# 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**.

**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 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.

**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.

**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.
- 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

## 🎖️ Courses

**System Design (HLD + LLD)**                                         Jul. 2025 – Sep. 2025
*Get SDE Ready*

**Data Structures and Algorithms**                                    Jul. 2025 – Sep. 2025
*Get SDE Ready*

## 🎓 Education

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