

# RACHIT SHARMA

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## SUMMARY

Full Stack Developer skilled in Java, Spring Boot, React.js, and MongoDB, with hands-on experience in building real-time, voice-enabled, and scalable applications. Consistent coder with strong problem-solving skills and proven ability to deliver end-to-end solutions.

## SKILLS

**Backend:** Java (Spring Boot, REST APIs, JWT Authentication)

**Frontend:** JavaScript (ES6+), HTML5, CSS3, Bootstrap, Tailwind CSS, React.js

**Databases:** MySQL, MongoDB

**Cloud & DevOps:** AWS (EC2, S3, Route 53, Amplify) Git/GitHub, Docker, JUnit, Postman, Linux

## EDUCATION

GRD Institute of Management & Technology, Dehradun

May 2020 – Nov 2023

- **B. Tech**, Computer Science and Engineering

**76.4%** (Honours)

## PROJECTS

Patna Metro Route Finder Voice Assistant

July 2025 – Aug 2025

- **Built using:** Java (Spring Boot, Monolithic), React.js, JavaScript, MongoDB, AWS, Docker.
- **First-of-its-kind Metro Route Finder for Patna**, delivering accurate live metro route, fare, & distance details.
- **Distance Calculation:** Used the **Haversine formula** to accurately measure the distance between stations based on geographical coordinates.
- **Intelligent Voice Assistant:** Implemented a real-time bot using Speech Recognition API with fuzzy matching, capable of understanding station names and local Bihari dialects.
- **Deployment & Scalability:** Deployed on **AWS** with **Docker**, ensuring seamless public access.
- **Live Project:** [www.patnametromap.in](http://www.patnametromap.in)
- **Link to repository:** <https://github.com/rachitsharma300/Patna-Metro>

ByteBuzz Chat Application

June 2025

- **Built using:** Java (Spring Boot), React.js, WebSockets, MongoDB, Docker, Tailwind CSS
- **Real-Time Messaging:** Developed a real-time chat app with instant messaging using WebSocket protocol.
- **User Experience:** Designed a **modern, responsive UI** supporting multiple chat rooms and authentication.
- **Deployment:** **Dockerized** and deployed for public access, demonstrating **scalability** and DevOps skills.
- **Link to repository:** <https://github.com/rachitsharma300/bytebuzz-chat-app>
- **Live Project:** <https://byte-buzz-chat-app.netlify.app>

## FREELANCE PROJECTS

Perfect Swasth (Healthcare & Medicine Website) | Freelance |

July 2025

- Developed a **static website** to showcase medicines, company details, and order tracking features.

Jagdamba Nursing Health Care | Freelance |

May 2025 – June 2025

- Built a **service-oriented healthcare platform** with patient care modules and real-time **notification system** using **Firestore**.

## INTERNSHIP

Soft Wind Technology, Faridabad, Software Developer Intern

July 2023 – April 2024

- **Developed and maintained full-stack features** for e-commerce websites using Java, Spring Boot, and React.js
- **Contributed to a fast-paced startup environment**, collaborating with the team to enhance user experience and optimize product functionality.
- **Assisted with website integration and performance optimization**, improving efficiency through bug fixes and API enhancements.

## CERTIFICATIONS & TRAINING

- **Java Full Stack Development** – GUVI HCL
- DSA using Java
- System Design
- AWS

May 2025 - Present

## ACHIEVEMENTS & ACTIVITIES

- Maintained a **125+ day GitHub streak** with **1000+ commits**, demonstrating strong commitment and discipline in consistent coding and version control practices.
- **Actively shared project progress on 'X' (Twitter) for over 75 days**, providing regular public updates and engaging with the tech community.