

HIMADRI KARAN

Software Development Engineer (SDE) | Java Backend & Full-Stack Developer

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PROFESSIONAL SUMMARY

Final-year Computer Science student specializing in **Java, Spring Boot, REST API development, and system design**. Experienced in building scalable backend services, secure authentication flows, and full-stack web applications using React and MySQL. Strong in DSA, OOP, and clean code principles. Seeking SDE roles where I can contribute to enterprise-grade backend systems and microservices.

TECHNICAL SKILLS

Languages:	Java, JavaScript, TypeScript, SQL, Python
Backend:	Spring Boot, Spring Security, JPA/Hibernate, REST APIs, JWT, Maven
Frontend:	React.js, TypeScript, HTML5, CSS3, Tailwind CSS
Database:	MySQL, PostgreSQL, MongoDB, Redis
Tools & DevOps:	Git, GitHub, Docker, AWS, Postman
Testing:	JUnit, Mockito, Jest, Supertest, Unit Testing
Key Concepts:	DSA, OOP, Microservices, Software Design Patterns, RAG Architecture, Communication

PROJECTS

TaskFlow – Team Task & Project Management System

Tech Stack: Java 17, Spring Boot, Spring Security, JPA/Hibernate, PostgreSQL, React + TypeScript, Tailwind

- Engineered a full-stack task & project management platform with **Admin, Manager, Member** role-based dashboards.
- Implemented **JWT Authentication**, protected APIs, and DTO-based clean data flow.
- Created modular REST APIs for tasks, projects, users, and notifications with custom exception handling.
- Built a responsive React frontend with role-specific views and centralized Axios API client.

Prescripto – Doctor Appointment & Payment Platform

Tech Stack: Java 17, Spring Boot, MySQL, JPA, JWT, Razorpay, React, Chart.js, Tailwind CSS, Docker

- Developed a healthcare appointment booking system with **multi-role authentication** (Patient, Doctor, Admin).
- Built REST APIs for booking, scheduling, doctor profiles, payments, and file uploads.
- Integrated **Razorpay Payment Gateway** for online appointment payments.
- Built separate **Admin Panel** with analytics using Chart.js (appointments, revenue, doctor activity).
- Implemented appointment slot logic, age/date utilities, toast notifications, and secure JWT auth.

INTERNSHIP EXPERIENCE

AICTE Edunet Foundation – AI & Data Analytics Intern

Remote | Aug 2025 – Sep 2025

- Executed **Flood Risk Analysis** using Python for data cleaning and statistical modeling.
- Visualized environmental data for decision-making insights.
- Received **Certificate and LOR** for performance excellence.

EDUCATION

B.Tech, Computer Science & Engineering – Techno Engineering College Banipur, MAKAUT

CGPA: 7.0/10.0 (till 6th sem)

Relevant Coursework: OS, Database Management, Software Engineering, Computer Network, API Development

Higher Secondary (2022): 84% | Secondary (2020): 86%

CERTIFICATIONS & ACHIEVEMENTS

- Hackathons:** HackSpire’25 (25-hr Hackathon) | **3rd Place**, Smart India Hackathon (College Level)
- Technical Badges:** HackerRank Gold (Java) | Silver (SQL)
- Certifications:** AWS Academy Graduate – Cloud Foundations | Microsoft Cloud & Networking Foundations
- Agile Software Development** – Coursera / Microsoft