

Suraj Kumar

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GitHub: thesurajcode | LinkedIn: thesurajcode | Portfolio: thesurajcode.dev

PROFESSIONAL SUMMARY

Computer Science graduate with strong full-stack and backend development skills in REST APIs, React.js, Node.js, PostgreSQL, Prisma ORM, and JWT authentication. Experienced in integrating AI into web applications and building practical, deployable software projects with strong computer science fundamentals.

EDUCATION

Galgotias University

B.Tech. in Computer Science and Engineering / CGPA: 8.52

Jun 2022 – Jun 2026

Greater Noida, India

St. Xavier's Junior/Senior School

Senior Secondary (CBSE), XII / 76%

2021

Muzaffarpur, Bihar

Government Higher Secondary School

Secondary (CBSE), X / 82%

2019

Dumporijo, Arunachal Pradesh

TECHNICAL SKILLS

Java | JavaScript (ES6+) | Python | SQL | React.js | Node.js | Express.js | Flask | PostgreSQL | Prisma ORM |
JWT | REST APIs | OOP | Git/GitHub

PROJECTS

AI Doctor Appointment & Health Summary System

React, Node.js, PostgreSQL, Flask, Gemini API

- **Live Demo:** ai-doctor-appointment-health-summar.vercel.app
- Built a full-stack healthcare application with role-based JWT and bcrypt authentication for doctors and patients.
- Structured the backend using a Controller–Service–Repository pattern with PostgreSQL and Prisma ORM.
- Implemented appointment booking and consultation workflows, and integrated Flask and Gemini API for AI-generated health summaries.
- Deployed the React frontend on Vercel and the Node.js/Flask backend on Render.

Recursive DNS Server & Full-Stack DNS Resolver

Java, Python, UDP Sockets

- Built a recursive DNS resolver in Java that checks a local domain-IP map and forwards unresolved queries to a public DNS server such as 8.8.8.8 using UDP sockets.
- Added NXDOMAIN handling and integrated a Python Flask backend with an HTML/JavaScript frontend for browser-based domain resolution.

CERTIFICATIONS

- Oracle Certified: Java
- Oracle Certified: Database Programming with SQL

ACHIEVEMENTS

- Team Lead, Humanity Saviours Club – led volunteers for community welfare, animal care, and tree plantation drives.
- Academic Excellence Award at district level (Class X)