

AMAN PUROHIT

Email: amansog222@gmail.com; ☎ +918690383001; Rashtriya Raksha University, Gandhinagar.

Full Stack Developer | 3rd Year B.Tech (CSE-Cyber Security) from Rashtriya Raksha University | MERN, Node.js, React, MongoDB .

Skills

Programming C, C++, Python, Javascript, Java

Development: HTML, Vanilla CSS, Tailwind CSS, Bootstrap, Material UI, React (react-dom, redux-toolkit, react-router-dom, API-handling, react-hook-form, Node.js, Express.js, Handling REST APIs, Websockets, WebRTC, Redis, GraphQL, gRPC, LLM integration (Langchain).

DevOps & Cloud, Database Docker, Kubernetes (basics), GitHub Actions, Jenkins, CI/CD, Nginx, Vercel, Render, MongoDB, PostgreSQL.

Tools/Technologies Git, GitHub, NPM, Vite, Postman, Network Dev Tool, Linux (Ubuntu, Kali).

Core Concepts Data Structure and algorithms (DSA), Object oriented programming language (oops), Database Management Systems, Operating Systems, Computer Networks, Data Analysis and Visualization, Digital Image Processing.

Projects

Student ERP HUB <https://github.com/Aman-sgnr3001/student-hub-connect-49>

- Built **Student Hub Connect**, a portal that tracks each student's academics, extracurriculars, internships, and placements in one profile.
- Enabled universities to submit transparent student data to **NAAC/UGC** for accreditation and ranking purposes. integrated **resume generation** for students based on their verified academic and activity records.
- Tech stack: **React, TypeScript, TailwindCSS, Vite**, with GitHub for version control and VS Code as the development environment.

Real Time Bus Tracking | React, TypeScript, Node.js, Express, MongoDB, WebSockets, Google Maps APIs. <https://github.com/amansgnr3001/punjab-transit-nexus>

- Built a full-stack transit management system with real-time vehicle tracking using WebSockets and interactive maps via Google Maps APIs.
- Developed a React + TypeScript frontend (TailwindCSS, Vite) and a Node.js & Express backend with MongoDB and JWT authentication for secure data handling.
- Integrated Google Directions & Geocoding APIs for route optimization and deployed a scalable, production-ready architecture with logging and configuration management.

Education

CGPA 8.06/10 (till semester 4)

12th: 83.4% (Tagore Central Academy, Suratgarh, Rajasthan).

10th: 98% (Tagore Central Academy, Suratgarh, Rajasthan).

Extracurricular Activities: sports: district player of cricket.

Social services: Managed large scale plant care initiative