TUSHAR SAINI

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EDUCATION

Quantum University   Roorkee, Uttarakhand, India

Bachelor of Technology in Computer Science, Minor in Data Analytics   *2023 – Present (Expected – 2027)*
CGPA: 8.2

KLG Public School   Saharanpur, Uttar Pradesh, India

Senior Secondary Education(Class XII)   *2023 Pass-out*

EXPERIENCE

Internship   Jul. 2024 – Aug. 2024

Expert IT Brains   *Kurukshetra, Haryana, India*

- Developed responsive frontend applications using HTML, CSS, JavaScript, and React.js
- Built RESTful APIs with Node.js and Express.js for server-side functionality
- Worked with MySQL (relational) and MongoDB (NoSQL) databases using Mongoose ORM
- Debugged, tested, and optimized applications following MVC architecture and Git best practices

PROJECTS

QuickPost | *React, Tailwind CSS, Redux Toolkit, TinyMCE, Appwrite(BaaS), Node.js, OpenAI API, Vercel*

Live Project: https://quickpostai.vercel.app/   **GitHub:** [QuickPost-Blogging-Studio](#)

- Developed a full-stack blogging platform with React frontend and Appwrite backend.
- Integrated a RAG-based AI chatbot for real-time content assistance and contextual suggestions.
- Implemented CRUD operations, authentication, and post management.
- Managed state with Redux Toolkit and deployed backend services using Node.js.

CampusEats | *React, Tailwind CSS, Express.js, SQL, MySQL, Leaflet.js, Groq API, Netlify, Render*

Live Project: https://campuseats.netlify.app/   **GitHub:** [CampusEats](#)

- Developed a full-stack food ordering platform for college campuses using React and Express.js.
- Integrated a RAG-based AI chatbot for food recommendations and user support.
- Managed CRUD, users, Realtime Updates, and order tracking with MySQL and Leaflet.js.
- Designed a responsive and intuitive UI using React and Tailwind CSS.

TECHNICAL SKILLS

- **Languages:** Java(DSA), JavaScript, Python, C, SQL (MySQL).
- **Frontend:** React.js, Tailwind CSS, HTML/CSS.
- **Backend:** Node.js, Express.js, Appwrite (BaaS).
- **Databases:** MySQL, MongoDB (Mongoose ORM).
- **Tools:** VS Code, IntelliJ IDEA, Git, Postman, Vercel, Render.
- **AI/ML:** OpenAI API, Gemini API, RAG-based Chatbots, Lang Chain, Vector Search, FSSAI, Vector DB.
- **Other:** Firebase, REST API, Redis.

CERTIFICATIONS

- **Database Foundations** – Oracle Academy.
- **Database Design** – Oracle Academy.

HACKATHONS & COMPETITION

- **Winner**, College-Level AI Model Making Competition
- **Runner-Up**, College-Level Hackathon – Codefest
- **Finalist (Top 6)**, State-Level Hackathon – HackIndia
- **Represented College**, National-Level Hackathon – Grafic-E-Thon
- **Participant**, Google Solution Challenge (2025)