VEDANT PANCHAL

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Education

Adani University(FEST) — Sep. 2022 – May 2026
B.Tech Information and Communication Technology - 8.95 CGPA (Sem-5) — *Ahmedabad, India*

Projects

🔗 Adani Study Portal (ASP) | *React JS, Tailwind CSS, Node JS, Firebase* — **January 2024**

- Successfully launched ASP(unoffical study portal), attracting over 700+ users and achieving a daily active user (DAU) count of 130+, demonstrating widespread adoption and engagement within the student community.
- Collaborated with a dedicated team to transform the vision of ASP into a fully functional website, fostering teamwork and dedication.
- Implemented a seamless user experience with sleek UI design and intuitive navigation, ensuring easy access to course materials and resources.
- Leveraged React.js and Tailwind CSS to craft a visually appealing and responsive interface, enhancing user engagement and satisfaction.
- Continuously monitored user engagement metrics and implemented strategies to enhance user experience and retention, contributing to the steady growth of ASP's user base.
- Leveraged digital marketing initiatives and word-of-mouth referrals to increase website traffic and user acquisition, expanding ASP's reach and impact in the education sector.

🔗 Flamin UI | *Next JS, React JS, Tailwind CSS, Node JS* — **April 2024**

- Designed and developed a reusable and customizable component library, Flamin UI, to accelerate the development of modern web applications.
- Implemented a diverse set of components using React.js and Tailwind CSS, focusing on flexibility, accessibility, and seamless integration with existing projects.
- Optimized component performance and usability by following best practices, including modular design patterns and efficient state management.
- Deployed comprehensive documentation and live examples using Next.js, providing developers with clear usage guidelines and interactive demos.
- Collaborated with developers to gather feedback and iteratively improve the library, ensuring it meets diverse project requirements.

🔗 Roadsafe | *Next JS, React JS, Tailwind CSS, TomTom API, Cloudflare Workers* — **January 2025**

- Designed the user interface and developed the frontend for Roadsafe, a cutting-edge web application focused on enhancing road safety through real-time data, user collaboration, and smart technology.
- Developed a user-friendly, interactive map interface utilizing OLA Maps, displaying hazards and suggesting safe routes to ensure safer navigation.
- Implemented crowdsourced hazard reporting features, enabling users to report accidents, potholes, and other road hazards, contributing to a comprehensive hazard database.
- Integrated chatbot functionality using Llama and Gemini for real-time assistance and query handling, hosted locally and via Cloudflare Workers.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, C, SQL, HTML/CSS
Web Devlopment Tools: VS Code, Firebase, Mongo DB,Express JS, React JS, Tailwind, Framer Motion, Figma
Technologies/Frameworks: Next JS, Linux, Git, GitHub

Hackathon

Techathon 2025 — *Winner* — *AIDTM*, January 2025

Hacknuthon 5.0 — *1st Runner Up* — *Nirma University*, April 2024

Odoo Combat 2024 — *Final Round* — *Odoo, Gift City*, July 2024