NAKSHATRA VYAS

nakshatravyas2004@gmail.com | +91 - 9924041690 | PORTFOLIO WEBSITE | LINKEDIN | GITHUB

Education

G H Patel College of Engineering and Technology (GCET), Anand, India   **2021 - Present**
- Bachelor's degree in Computer Engineering | **CGPA: 8.62** (Till 6th semester)

BAPS Swaminarayan Vidyamandir, Gondal, India   **2020 - 2021**
- HSC, Percentage: **88.30%**

Skills

Languages: C, C++, JavaScript
Frontend Technologies: React.js, HTML, CSS, Tailwind
Backend Technologies: Node.js, Express.js, REST API
Databases: MongoDB, mySQL
Familiar With: Git, Github, Figma

Work Experience

Reformer Manpower Solutions | Web Developer   **May 2024**
- Redesigned and developed the company's main website using **React.js**, enhancing the user interface and functionality.
- Integrated secure **database functionalities** for efficient storage and management of user information and queries.
- Drove a **30% increase** in online visibility by leading the project, including testing and optimizing website performance.

Projects

Beats.AI (React.js, Flask, Tensorflow, Pytorch) **Link**
- Developed an **AI music** generation platform with features including **prompt-to-music**, **music-to-music**, **genre-based**, and **instrument-driven** music creation.
- Integrated Meta's MusicGen model and implemented **REST APIs** for seamless backend functionality.
- Led team to **win 2nd prize** in CVMU Hackathon 2024 for innovation using AI.

Proctify (React.js, Node.js, Express.js, PostgreSQL, MaterialUI) **Link**
- Crafted an **exam-taking platform** with an intuitive dashboard for **creating**, **updating**, and **deleting** exams and question papers, **real-time** student monitoring, and features for **result publishing** and post-exam report generation.
- Implemented secure **login** and **signup** functionality, including a **forgot password** feature, to ensure user authentication.
- Led team to **win 2nd prize** in Ideathon 2023.

Clean Drive (React.js, Node.js, Express.js, PostgreSQL, MaterialUI) **Link**
- Engineered **real-time vehicle pollution** monitoring system with advanced admin dashboard for **threshold-based** vehicle tracking, **categorization** by type, and identification of **top 10** high-emission areas.
- Implemented data visualization features including **weekly analysis** of vehicles exceeding emission thresholds, emissions trends, and **per-day** emissions analysis.
- Created a **user dashboard** for detailed vehicle information access, emissions monitoring, and analysis.

NoteHub (MongoDB, Express.js, React.js, Node.js) **Link**
- Engineered a robust notes web application with secure user **authentication** and **authorization** features.
- Built an intuitive user interface for seamless note **creation**, **editing**, and **deletion** functionality.
- Implemented efficient **search capability**, enabling rapid content retrieval based on keywords.

Academic and Extracurricular Achievements

- Achieved **2nd position** in CVMU Hackathon 2024 out of **100+** teams.
- Secured **3rd position** in CVMU Hackathon 2023 among **80+** teams.
- Won **2nd prize** at Ideathon 2023, surpassing **36** teams.

Positions of Responsibility

Computer Society of India | Program Coordinator: Successfully managed the TextTitans program, leading the team and collaborating with the design team for CSI's social media content.

ISTE, GCET | Design Lead: Led the design team at ISTE. Created and managed creative posts for ISTE's social media handle, enhancing visual appeal and engagement.