AANCHAL MEHTA

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GitHub- Aanchal Mehta | LinkedIn- Aanchal Mehta

Skills

Languages: ReactJS, HTML, CSS, JavaScript, C, C++, SQL, Flask, Python

Technologies and Tools: Git, GitHub, Figma, Canva, Adobe Illustrator, MySQL, OOP

Education

K.J. Somaiya Institute of Technology, Sion	2022-2026
Bachelors of Technology in Computer Engineering	**CGPA: 9.55**
Vibgyor High Group of Schools, Airoli	2020
X – CISCE Boards	**Percentage: 90.17%**

Projects

SAKHA AI – A voice assistant or the lonely and the elderly   Jan 2024 – Apr 2024
- Developed the entire React.js frontend for SAKHA: AI, creating an accessible UI for voice journaling, emotional feedback, and health reminders tailored to elderly users, with seamless interaction flow and user-friendly components.
- Integrated Flask backend with the frontend by building RESTful APIs to handle real-time voice inputs, emotion/sentiment analysis, and appointment scheduling, ensuring smooth data exchange and secure functionality with Firebase support.

Pravidhi AI – A full stack project   Dec 2024 – Mar 2025
- Developed a **responsive web application** with a focus on **scalable frontend architecture** using React.js and Store.js for state management.
- Integrated a **Flask backend** to implement secure and efficient RESTful APIs, enabling robust data handling and dynamic feature integration.
- Deployed the full-stack solution to the cloud, ensuring continuous availability, seamless deployment, and real-time updates.

Neerja: AI for human trafficking prevention| Demo: Video Demonstration   Aug 2024
(A Hackathon Winning project)
- Built a responsive web platform for real-time alerts, incident tracking, and admin reports, enhancing Neerja's anti-trafficking system.
- Designed a user-friendly safety hub and community space for trafficking survivors, prioritizing awareness, and support.
- Collaborated on AI integration for behaviour detection and facial recognition, streamlining actionable insights for swift interventions.

StudyLabs: A data structure virtual lab | GitHub: StudyLabs   July 2023 – Mar 2024
- Led a team to develop a dynamic Data Structures Virtual Lab, providing interactive simulations for college students to visualize concepts.
- Built using HTML, CSS, JavaScript, and PHP, featuring simulations for stacks, queues, AVL trees, and more, coupled with quizzes to reinforce learning.
- Empowered students with a hands-on, visual approach to understanding complex data structures.

Professional Experience

Full Stack Developer, Pravidhi AI   Dec 2024 – Mar 2025
- **Led frontend development** using React.js, creating **responsive and user-friendly interfaces** while efficiently managing state with Store.js to **enhance performance and usability**.
- **Integrated Flask-based backend services**, **implemented RESTful APIs**, and handled **cloud deployment**, ensuring seamless communication across the tech stack and reliable production delivery.

Frontend Development Intern, Student Developers Club   Dec 2023 – Feb 2024
- My expertise in web development played a key role during a project with a dedicated team of four, leading to innovative, ingenious project creation.
- Led a team of four, ensured maximum participation and engagement among the team and maintained co-ordination among the team members.

Achievements

Second Runners-Up in Need for Code 3.0 hackathon, Thadomal Shahani College of Engineering	Aug 2024
First Prize in TechnoGenesis Poster Competition, K.J. Somaiya Institute of Technology	Oct 2024