

Mehul Balsara

FrontEnd Developer

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Technical Skills

Web Development: HTML5, CSS3 (Bootstrap & Tailwind), JavaScript, React.js, Responsive Design, Figma

Programming Languages: Python

Libraries & Tools: Git, GitHub, NumPy, Pandas, Matplotlib.

Projects

Project Title: AQI (Air Quality Index)

- **Analyzed AQI trends** using **Python** to identify **pollution patterns, seasonal changes, and public awareness gaps.**
- **Utilized Pandas, NumPy, Matplotlib, Seaborn and Streamlit** for data cleaning, statistical analysis, visualizations and deployment.
- **Highlighted regional disparities and key pollution periods** for improved environmental risk understanding.

Tools & Libraries: *Python, Pandas, NumPy, Seaborn, Matplotlib, Seaborn, Streamlit*

Project Title: Medi Connect (Full Stack Medical Website)

- **Engineered** a complex healthcare dashboard and multi-page user interface using **React.js** for effective state management and real-time data display.
- **Utilized Tailwind CSS** to design and implement a mobile-first modern responsive, and visually appealing UI/UX, ensuring cross-device compatibility and clean aesthetics. Implemented clean design principles and **optimized** the front end for improved page **speed.**
- **Integrated** the **react** frontend with the backend via **RESTful APIs** to manage secure user authentication, appointment scheduling, and patient data retrieval required **good communication** and **teamwork.**

Tools & Libraries: *React.js, JavaScript, HTML5, Tailwind CSS, Git, GitHub, RESTful APIs*

Education

Laxmi Institute of Technology

Bachelor of Computer Science & Engineering

Oct 2023 – Present

Sarigam, Gujarat

Sarvajanik Vidyalaya – HSC

March 2023

Certification

- **Python Programming | Edu. Net Foundation**

Competitions

- **National Level NextGen Techathon held in Laxmi institute of Technology**