

# Mehul Balsara

## FrontEnd Developer

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📍 Daman, (UT)

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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