

PREKSHA MORBIA

☎ +919409451741 ✉ preksha159357@gmail.com [in](#) [Preksha-Morbias](#)

Education

Computer Science — Ahmedabad University

Aug 2021 – May 2025

Minor in Business Analytics

GPA: 3.3/4.00

Coursework: Data Structures, Object Oriented Programming, DBMS, Operating Systems, Software Engineering, Computer Networks.

XII (CBSE) — White House Public School, Bhuj

95.6% – 2021

X (CBSE) — White House Public School, Bhuj

94.4% – 2019

Internship

Stock Broking Website | Bhanu Stock Broking Pvt. Ltd.

June 2023 – July 2023

[Link](#)

- Designed a responsive stock broking website prototype using Figma.
- Developed the website with ReactJS, CSS, and Bootstrap.
- Hosted the website on a provided domain, integrating alert notifications for the system manager using third-party APIs.

Projects

Oriented Object Detection For Aerial Images

Jan 2024 – Mar 2024

- Adapted Bounding Box Anchors (BBA) vector approach from existing methodologies to our custom dataset, integrating it into our object detection pipeline.
- Leveraged pre-trained ResNet101 features to enhance feature extraction and refinement within the model architecture.
- Demonstrated significant improvements in object localization accuracy and robustness through the implementation of a multi-branch output strategy, encompassing heat maps, offset prediction, BBA vectors, and orientation handling.

Theater Management System

Feb 2023 – Apr 2023

- Developed a Theater Management System, allowing management to add movies and shows, and customers to select seats, movies, and showtimes concurrently.
- Utilized ReactJS for the frontend, NodeJS for the backend, and MySQL for the database.
- Implemented real-time updates using WebSocket, providing a user-friendly interface and robust backend for seamless database updates and rendering on the frontend.

Technical Skills

Languages: Python, Java, SQL, HTML, CSS, Javascript.

Frameworks/Tools: React.js, Node.js, Git, GitHub, MySQL, Figma, Bootstrap, Postman, Power BI, R-studio.

Data Science: Scikit-learn, Pandas, Matplotlib.

Certifications

- **The Complete 2024 Web Development Bootcamp:** Course designed to become Full-Stack Web Developer. Includes HTML, CSS, Javascript, Node, React, MongoDB and DApps. (62 hours total)

Hobbies / Extracurricular

Public speaking, Anchoring, Yoga, Tennis