SAURAV CHAUDHARI

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Summary: Enthusiastic Full-Stack Developer with a strong foundation in MERN Stack (MongoDB, Express.js, React.js, Node.js) and hands-on experience in developing full-stack web applications. Skilled in building responsive, scalable, and user-friendly solutions using HTML, CSS, JavaScript, Tailwind CSS, and Git. Familiar with RESTful APIs, authentication, and backend development. Passionate about learning new technologies, solving real-world challenges, and contributing to innovative projects.

Education:

Ranchhodlal Chhotalal Technical Institute | Ahmedabad, Gujarat, India — 2019 - 2022
Diploma Engineering, Major in Electric Engineering — **CGPA - 7.69**

Lok Jagruti University | Ahmedabad, Gujarat, India — 2022-**Present**
Bachelor of Engineering, Major in Computer Science Engineering — **GPA - 6.30**

Courses:

- **HTML, CSS, and JavaScript for Web Developers** — Completed on 8 Feb 2023
  Johns Hopkins University - Coursera — **Grade: 100%**
- **Exploratory Data Analysis for Machine Learning** — Completed on 6 Aug 2023
  IBM - Coursera — **Grade: 95%**

Tech Stack:

ReactJs | **N**odeJs | **E**xpressJs | **M**ongoDB | **H**TML | **C**SS | **J**S | **G**it | **T**ailwindCss | **P**ython

Projects:

- **Automatic Attendance System**

  Face Recognition Automatic Attendance System is a system that recognizes the students by their faces using CCTV and fills attendance on the Excel sheet accordingly.

  1. While registration It will take some sample images of students as a dataset and label it.
  2. On this labeled dataset, the model will train itself using a **supervised learning** algorithm.
  3. It will predict students' faces using haar cascade attributes using OpenCV and will automatically fill out their attendance on an Excel sheet

  - **Tech used:** Python3, OpenCV, Tkinter, XLSXWriter, etc.

- **JATAYU - Go Anywhere**

  A full-stack ride-hailing application that allows users to book rides and captains (drivers) to accept requests. It integrates real-time location tracking, authentication, and ride management.

  1. Users and Captains register and log in using **JWT-based authentication**.
  2. Users can **book rides** by selecting pickup and destination locations.
  3. The system calculates **fare estimates, distance, and ETA** using **Google Maps API**.
  4. Captains can **register vehicles** and accept ride requests.
  5. Implemented **protected routes** to ensure secure access to user and captain dashboards.
  6. Ensured **secure API communication** using **Node.js & Express.js** with **MongoDB** as the database.

  - **Tech used:** MERN (MongoDB, Express.js, React.js, Node.js), Google Maps API, JWT, React Router

Thank You :-)