VATSAL SHAH

School of Engineering and Applied Science, Ahmedabad University

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PROJECTS

MicroX Cafe Management

📍 (Link)

Oct 2023 – Dec 2023

- Developed and implemented a Cafe Management System utilizing a tech stack that includes ReactJS for a user-friendly interface.
- Employed MongoDB to ensure secure and reliable data storage, while GraphQL facilitated streamlined client-server communication.
- Leveraged Node for a robust backend, adhering to software engineering principles for scalability and maintainability.
- Contributed to the creation of an innovative and efficient system embodying best practices in cafe management.

Blogging Website

Web-Application

📅 May 2023 – June 2023

- Designed and developed a dynamic blogging website, leveraging a comprehensive technology stack that includes MongoDB, React, Node.js, and Express.js
- This project served as a valuable opportunity to enhance proficiency in both frontend and backend technologies, encompassing CRUD operations and JWT authentication.
- Mastered frontend development by creating custom React components, expertly managing state, and crafting a responsive and intuitive user interface (UI) for an enhanced user experience.
- Demonstrated server-side programming expertise with Node.js and Express.js, enabling the seamless interaction between the frontend and backend components of the website.

Flashback Social

Web Application

📅 Feb 2023 - April 2023

- Designed and developed a minimalist social media application centered around event posting, leveraging a technology stack comprising of Node.js, Express.js, React.js, and MongoDB.
- Engineered a comprehensive social media platform with Create, Read, Update, and Delete (CRUD) functionalities to empower users in event management and interaction.
- Integrated advanced front-end technologies, including Redux for state management and Material-UI for a polished user interface.

Hotel Reservation Site

Web-Application

📅 December 2022

EDUCATION

BTech Computer Science and Engineering (CSE)

School of Engineering and Applied Science

📅 2020 – Expected 2024   Current CGPA: 3.00/4.00

12th Gujarat Secondary Education Board

Shree Satya Sai Vidyalaya, Jamnagar

📅 March 2019   Per: 58.92%

10th Gujarat Secondary Education Board

Shree Satya Sai Vidyalaya, Jamnagar

📅 March 2017   Per: 88.33%

SKILLS

- **Languages and Frameworks**

  C/C++ Javascript React.js Express.js HTML CSS Node.js Bootstrap

- **Databases**

  MySQL MongoDB

- **Other Technologies**

  Git Figma LATEX

CO-CURRICULAR

- 200+ questions solved on leetcode. **Leetcode Profile** ☍
- Qwiklabs 30 days Google Cloud Program.

POSITIONS HELD

- **T**eaching Assistant for the course of Operating Systems

CERTIFICATIONS

- Web Development Bootcamp - Udemy
- SQL (Basic) Certification - Hackerrank
- Postman API Fundamentals Student Certification - Postman

- Designed and developed a sophisticated hotel reservation website utilizing React.js, to create a seamless and user-friendly booking platform.
- Implemented a wide range of functionalities using React hooks, state management, and props, ensuring efficient data flow and interaction within the application.

E-commerce Management System

Web-Application

📅 December 2022

- DBMS course project that involved creating an E-commerce database system on MySQL Workbench.
- The database contained SQL functions and triggers useful in e-commerce website.