

JATIN VAITY

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SKILLS

Languages : C++, Javascript, Java, SQL.

Technologies/Frameworks : ReactJs, NodeJs, ExpressJs, WebSockets, Tailwind CSS, Bootstrap.

Tools : Github, VsCode, MongoDB Compass, AWS, Docker.

Computer Science : Data Structures and Algorithms, DBMS, Object oriented programming.

PROJECTS

Furniture E-Commerce Website (ReactJs, NodeJs, ExpressJs, MongoDB)

Present

- Implemented two-factor authentication for secure account access and added a search functionality for quick product discovery.
- Provided administrators with efficient tools for managing product listings and site content.
- Enhanced user experience with intuitive browsing and seamless navigation across the platform.

Energy-Meter: Measure Your Power (HTML, CSS, JS, Firebase)

July 2023-Nov 2023

- This project uses the PZEM004T sensor to capture seven essential energy parameters, with data transmitted wirelessly via ESP32 WiFi to Firebase.
- From Firebase, the data is displayed on a website, where it's visualized with Chart.js to track energy consumption trends on a daily basis.
- The Firebase-stored data is also appended to Google Sheets, ensuring easy access for users to view energy values in real-time.

Real time chat app (ReactJs, NodeJs, ExpressJs, Socket.io)

Feb 2023- May 2023

- Featured instant notifications to keep users updated with new messages and alerts.
- Enabled the sending of audio messages and attachments, ensuring smooth handling of uploaded files, and also added emoji features for richer user expression.
- Included an online user feature to show which contacts are currently available for chatting.

M-Care (HTML, CSS, JS, Firebase, Backend APIs)

Dec 2023-March 2024

- Created a website integrated with Google Maps to manage sanitary waste collection and disposal, improving cleanliness in local communities.
- Built a real-time alert system using Firebase to notify administrators, ensuring timely action.
- Uses API to connect hardware (dustbin) to software (website) using http request for providing the real time data to the website.

EDUCATION

VIVEKANAND EDUCATION SOCIETY INSTITUTE OF TECHNOLOGY

Chembur, Mumbai

Bachelors in Electronics and Telecommunication Engineering

2022-Present

- CGPA : 9.44 (Sem VI)

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

Matunga, Mumbai

Diploma in Electronics Engineering

2019-2022

- Percentage : 88.26 %

CERTIFICATES & ACHIEVEMENTS

- Networking Basics (Cisco).
- Computer Hardware, Operating system and Networking (Udemy).
- 2nd RankHolder in Electronics and Telecommunication.