

ADESH SAWANT

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Adesh Sawant

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Education

Veermata Jijabai Technological Institute

December 2021 – June 2025

Bachelor of Technology in Computer Engineering — CGPA: 9.10 (5 Semesters)

Mumbai, India

S.E.S High School and Junior College

June 2019 – May 2021

Science - PCM; HSC: 94.8; MHT-CET(percentile): 99.9737; MHT-CET MERIT RANK-33

Mumbai, India

Shiv Samarth Vidyalyaya

June 2009 – May 2019

High School; SSC (percentage): 94.8

Mumbai, India

Relevant Coursework

- Data Structures and Algorithms
- Design and Analysis of Algorithms
- Database Management
- Object Oriented Programming
- Operating Systems

Projects

AGRI-GUARD | ReactJS,NodeJS,ExpressJS,MongoDB,Flask

March 2024

- Description: Developed as part of a hackathon project, AgriGuard is an autonomous decentralized crop insurance platform aimed at providing farmers with a streamlined process for filing claims and receiving compensation for crop losses.
- Frontend and Backend Development: Implemented frontend using React and Tailwind css.
- OCR and API Development: Utilized OCR for document verification, created Flask APIs for OCR image processing.
- User Authentication: Implemented secure user authentication with Express.js (Node.js), utilized JWT for session management.

MERN-Chat | ReactJS,NodeJS,ExpressJS,MongoDB

December 2023

- I developed a feature-rich MERN (MongoDB, Express.js, React.js, Node.js) chat web application using Socket.IO. The application includes secure user authentication with login and signup features, employing MongoDB for data storage. I implemented a responsive UI using Chakra UI, ensuring a seamless user experience across various devices.
- The chat functionality supports both one-on-one and group conversations, allowing users to create and participate in group chats dynamically. Socket.IO facilitates real-time communication, enabling instant message delivery and updates.

Foodies.com | ReactJS,NodeJS,ExpressJS,MongoDB

July 2023

- It is a prototype of a food delivery website that enables users to add food items to the Cart. It also contains category-wise filtering of food items.
- Whenever the user clicks the checkout button, all the data items of the Cart get stored in the Database.
- It also has a Login and Sign Up page with proper authentication. Also, passwords are encrypted using bcrypt.js.
- UI is made using REACT JS and Bootstrap-5 (Dark theme).
- Learnings: 1) Connecting front-end to the backend. 2) Use of react-router-dom. 3) Website Deployment.

Weather App | HTML,CSS,JAVASCRIPT

January 2023

- Created a website which shows weather of any locations.
- User can either enter a location name or provide the latitude and longitude coordinates of a location to get accurate weather information.
- Website makes the use of weather API which contains data about the weather of different locations.
- Learnings: Working of APIs and how to display data obtained from APIs on the front end.

Technical Skills

Languages: C,C++,Python

Frontend Development: HTML, CSS, TailwindCSS, JavaScript,ReactJS

Backend Development: NodeJS with ExpressJS

Database: MongoDB, MySQL

Achievements

Programming Contests:: Global Rank 436 in Codechef Startes 86 (Div-3).Highest Rating:1527

MHT-CET Merit Rank - 33

Got 8th rank in Algocon (College level Coding Competition oragnized by SRA).