Aswinraj R

MERN FULL STACK DEVELOPER

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Profile Summary

Self-taught MERN Full Stack Developer with a passion for building scalable web applications. Experienced in turning ideas into high-quality code, with expertise in React.js, Node.js, and MongoDB. Skilled in developing user-friendly interfaces and robust backend systems. I'm committed to continuous learning and thrive in collaborative environments where I can contribute to impactful solutions.

Technical Skills

- **Programming Languages:** JavaScript

- **Backend Development:** Express.js, Node.js, Firebase

- **Frontend Development:** React, Redux, Tailwind CSS, Bootstrap, CSS, HTML

- **Database:** MongoDB, MySQL

- **Tools:** Git, GitHub, Postman, VSCode,, Figma

- **Deployment:** Docker, EC2

- **Proficient with:** Data Structures, MVC

- **Familiar with:** Object Oriented Programming, AWS, C,

Work Experience

Full Stack Developer - MERN   **Present**
Sensitive Technologies, Bengaluru

As a Full Stack Developer at Sensitive Technologies, I designed and developed dynamic web applications using the MERN stack, focusing on both frontend and backend. I was responsible for implementing user authentication, real-time features, and deploying applications to **AWS** and **Vercel**.

Projects

FindMyHome   Live Link | GitHub : Backend | Frontend
A comprehensive room booking website

A web platform enabling room bookings in hotels and paying guest accommodations. Enhanced user experience through intuitive interface design and secure payment processing. The platform also features real-time chat functionality for direct communication with property owners or customer support, advanced search filters, booking management, user reviews, and mobile responsiveness to ensure a seamless and user-friendly booking process.

- Developed the frontend using **React.js** with **Tailwind CSS** to create a modern, responsive user interface that works flawlessly across all devices

- Built a robust backend with **Express.js** and **Node.js** handling complex functionalities like user authentication, room management, and booking processes.

- Integrated **JWT** for secure user session management, along with **Firebase OTP** and **Fast2SMS** for additional security during user registration and booking .

- All media-related files are securely stored in **Cloudinary** , which provides a reliable and scalable solution for managing and retrieving data.

- Implemented **Razorpay** as the payment gateway, enabling users to make safe and reliable online payments .

- Utilized **MongoDB** to store and manage extensive user data, booking details, and room availability, ensuring quick access and scalability

- Employed **Redux** for efficient state management, ensuring smooth data flow and seamless user interactions across the application.

- Incorporated **Socket.io** for real-time chat functionality, allowing users to instantly communicate with property owners or customer support.

Stepify

Comprehensive E-commerce Application

"Stepify" is a ultimate destination for stylish and comfortable footwear catering to men, women, and kids. Offering a wide range of sneakers, formal shoes, and kids' footwear, Stepify ensures every family member finds their perfect pair. It's online shop prioritizes quality, style, and convenience, providing an easy browsing and ordering experience. Whether , looking for trendy sneakers, elegant formal shoes, or durable kids' footwear, Stepify combines fashion with functionality .

– Developed the backend using **Express.js** and **Node.js** to efficiently manage user accounts, product listings, and order processing.

– Utilized **MongoDB** to store product information, user data, and order history, ensuring fast access and data integrity.

– Integrated **Twilio** for OTP-based user authentication, enhancing security during user registration and order placements.

– Key features include coupon and referral offers, product and category offers, order tracking, cart and user order management.

– Implemented **Razorpay** as the payment gateway, providing a secure and user-friendly checkout process.

– Implemented **MVC** architecture in backend and used **Bootstrap** library for styling.

– Designed the frontend using HTML, Bootstrap, JavaScript, and Tailwind CSS, creating a visually appealing and responsive design that caters to users on various devices.

MINI PROJECTS

Task Management System

The Task Management System is a web application designed to help users organize and track their tasks efficiently, featuring essential CRUD operations and a focus on usability and productivity. .

– Developed a responsive and intuitive user interface using React.js and Tailwind CSS, ensuring smooth navigation across devices. .

– Built a reliable backend with Express.js and Node.js, enabling efficient management of tasks and user data.

– Utilized MongoDB for secure and quick data storage, ensuring seamless task management and retrieval.

Weather App

The Weather App is a responsive web application built with React and Tailwind CSS, designed to fetch and display real-time weather information for cities worldwide. Users can search for and view current weather conditions, including wind speed and humidity, using the OpenWeatherMap API. The app provides a clean and intuitive interface, ensuring an easy and accurate weather-checking experience while demonstrating skills in API integration and responsive design

EDUCATION

MERN Full Stack Development   **2023 - 2024**
Brototype, Thiruvananthapuram

B Tech in Electrical and Electronics Engineering   **2017 - 2021**
APJ Abdul Kalam Technological University
College of Engineering Vadakara

PERSONAL DETAILS

– **Date of Birth:** 07-01-1999

– **Gender:** Male

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