Aswinraj R
MERN FULL STACK DEVELOPER

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PROFILE SUMMARY

Self-taught and results-driven MERN Full Stack Developer with 1.5+ years of experience in designing, developing, and deploying scalable web applications. Proficient in React.js, Node.js, Express.js, and MongoDB, with a strong understanding of both frontend and backend systems. Adept at transforming complex business requirements into intuitive user experiences and efficient server-side logic. Passionate about writing clean, maintainable code, learning new technologies, and contributing to high-impact projects in collaborative environments.

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   **2024 - Present**
Sensitive Technologies, Bengaluru

As a Full Stack Developer at Sensitive Technologies, I designed and developed scalable web applications using the **MERN** stack, focusing on both frontend and backend development. I was responsible for implementing user authentication, real-time features, and deploying applications to **AWS** and **Vercel**. I have worked on multiple in-house and client projects across diverse domains, ensuring performance, scalability, and maintainability of the systems.

Key Projects:

- **EdTech Platform:** Developed an online learning platform with student dashboards, course management, and payment integration using React.js, Node.js, and MongoDB.
- **Request Management System:** Built an internal purchase order (PO) tracking and approval system for managing requests across departments with role-based access and automated notifications.
- **Online Agreement Document Generator:** Created a digital agreement drafting system with dynamic templates and e-signature functionality.
- **Matrimony Website:** Developed a user-friendly matchmaking platform with secure authentication, profile matching algorithms, and chat features.
- **Banking Application:** Worked on a lightweight banking solution for internal use, including customer onboarding, transaction management, and reporting modules.
- **Job Portal:** Designed and implemented a job posting and candidate management system with advanced search filters and admin control panels.

PROJECTS

FindMyHome   **Live Link**
Room Booking Web Application

A full-featured room booking platform for hotels and PGs, offering secure payments, real-time chat, and responsive design. Features include advanced search filters, booking management, and user reviews for a seamless experience.

- Built the frontend using **React.js** and **Tailwind CSS** for a modern and responsive UI.

- Developed the backend with **Node.js** and **Express.js** for authentication, room, and booking management.
- Integrated **JWT**, **Firebase OTP**, and **Fast2SMS** for secure user verification.
- Used **Cloudinary** for scalable media storage and **Razorpay** for secure payment processing.
- Managed data using **MongoDB** with efficient schema design and optimized queries.
- Implemented **Redux** for state management and **Socket.io** for real-time chat functionality.

Stepify   **Live Link**
E-Commerce Footwear Application

An e-commerce web app for stylish footwear, supporting user authentication, order tracking, and secure payments. Designed for performance, usability, and scalability.

- Developed backend APIs using **Node.js**, **Express.js**, and **MongoDB** for product, order, and user management.
- Integrated **Twilio** for OTP-based authentication and **Razorpay** for payments.
- Implemented offers, coupon management, and order tracking using **MVC architecture**.
- Designed responsive UI with **React.js**, **Bootstrap**, and **Tailwind CSS**.

MINI PROJECTS

Task Management System   **Live Link**

A web application to organize and track tasks efficiently, featuring CRUD operations and a focus on usability and productivity.

- Built frontend with **React.js** and **Tailwind CSS** for a responsive and intuitive UI.
- Developed backend APIs using **Node.js** and **Express.js** for task and user management.
- Used **MongoDB** for secure and efficient data storage and retrieval.

Weather App   **Live Link**

A responsive web app that fetches and displays real-time weather information for cities worldwide using the OpenWeatherMap API.

- Built frontend with **React.js** and **Tailwind CSS** for a clean and intuitive interface.
- Integrated **OpenWeatherMap API** for real-time weather data including temperature, humidity, and wind speed.
- Ensured responsive design for seamless experience across devices.

EDUCATION

MERN Full Stack Development   **2022 - 2023**
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
- **Address:** Meethale Kuttilatt(ho),Mantharathur(po), Vadakara(via), Kurunthodi, Kozhikode, Kerala, India , 673105 (pin)
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