SAYOOJ K S

MERN Stack Developer

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Profile Summary

Diligent MERN stack developer proficient in crafting dynamic front-end and robust back-end solutions. Keen interest in developing scalable distributed systems and prioritizing readability and maintainability of code.

Technical Skills

Front-End Development: React.js, Redux, Tailwind CSS, HTML, CSS, Bootstrap
Back-End Development: JavaScript, Node.js, Express.js, MongoDB, Mongoose
Integrations: Stripe, Twilio, Nodemailer, Socket.IO, Multer, Firebase, Cloudinary
Architectures: Object-Oriented Programming, MVC
Familiar With: Git, GitHub, Figma, Postman, AWS, EC2, Nginx, PostgreSQL, Moon Modeler, Data Structures and Algorithms, Vercel, JWT

Projects

Medicare - A doctor booking application LIVE LINK | GITHUB

Medicare is a doctor booking platform with secure appointment management, private messaging, real-time communication and an intuitive interface. It ensures seamless, efficient scheduling for routine check-ups or specialized care.

- Developed a doctor booking platform using the **MERN** stack (MongoDB, Express, React, Node.js).
- Integrated real-time chat functionality using **Socket.IO** to enhance user communication.
- Implemented the **SOLID** principles throughout the development process to ensure a maintainable, scalable and robust codebase.
- Adopted the **MVC Architecture** pattern, achieving a separation of concerns and making the system more modular and flexible.
- Integrated the **STRIPE** payment gateway for booking slots.
- Utilized **Tailwind** CSS for efficient and scalable styling.

Sayyensemble E-Commerce LIVE LINK | GITHUB

An innovative e-commerce application dedicated to shirts. This platform boasts an intuitive UI, dynamic card system and seamless Razorpay integration for secure transactions, ensuring a delightful shopping journey for fashion enthusiasts.

- Designed and developed an intuitive user interface using HTML, CSS and JavaScript to enhance the shopping experience for customers.
- Implemented a dynamic card system to efficiently manage and display shirt selections, improving user engagement and ease of navigation on the platform.
- Implemented **cart management** functionality to allow users to add, remove and manage their selected items, providing a seamless shopping experience.
- Integrated the **Razorpay** payment gateway to facilitate secure and convenient online transactions, enhancing the platform's payment options and user satisfaction.

Mini Projects

Netflix-Clone

- Developed a Netflix clone using React for the frontend, leveraging components to replicate the user interface and experience of the original platform.
- Integrated the **TMDB** API to fetch and display movie titles, descriptions and images, enhancing the clone's functionality and user engagement.

OLX-Clone

- Built a basic OLX clone using React for the frontend, creating a dynamic and responsive user interface for listing and browsing items.
- Integrated Firebase for backend services, facilitating real-time data storage, retrieval and authentication to enhance the app's functionality and user experience.

Education

MERN Stack Development	**2023 - Present**
Brototype, Ernakulam	

BTech (Computer Science) **2015 - 2020**
Vidya Academy of Science and Technology, Thrissur
CGPA: 7.06