Sana SainathReddy

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About Me

As a passionate and dedicated aspiring web developer, I am eager to apply my skills and expand my knowledge through an internship opportunity. With a strong foundation in HTML, CSS, and JavaScript,NodeJs, along with experience in frameWorks like reactJs, expressJs. I am excited to collaborate with a team of professionals to contribute to meaningful projects and further develop my expertise in web development. I am committed to learning and growing in this dynamic field, and I am enthusiastic about the opportunity to make a valuable contribution to your team.

Technical Skills

Languages: Java,C,SQL,Php,HTML,CSS,JavaScript,Python Basics
Frameworks: ReactJs,ExpressJs,BootStrap
Developer Tools: Git, Docker, Maven,AI tools,VsCode
Libraries: Pandas,Material-UI Semantic UI,Node.Js

Projects

Shopping Cart
Shopping Cart - an e-commerce platform with web applications.

- Developed a dynamic e-commerce platform using React.js and Node.js technologies
- Utilized React.js to design user-friendly interfaces for seamless navigation and enhanced interactivity.
- Implemented Node.js for robust server-side logic, enabling efficient communication between client and server components.
- Engineered an admin panel within the platform, empowering administrators to manage product inventory effortlessly.
- Integrated functionalities such as product addition, modification, and deletion into the admin panel.
- Crafted responsive user interfaces with React.js components to provide an immersive browsing experience
- Engineered RESTful APIs with Node.js for seamless data exchange and processing.
- Demonstrates proficiency in React.js and Node.js, showcasing expertise in front-end and back-end development.

Real-Time Chat App
Real-time Chat App - a chat application with real-time messaging capabilities across web platforms.

- Created a real-time chat application using the MERN (MongoDB, Express.js, React.js, Node.js) stack and Socket.IO for seamless communication.
- Implemented WebSocket-based real-time messaging functionality with Socket.IO to enable instant message delivery between users.
- Designed and implemented group chat functionality, enabling users to create and join chat rooms with multiple participants.
- Integrated video streaming functionality using WebRTC technology, allowing users to initiate and participate in real-time video calls within chat rooms.
- Integrated MongoDB as the database backend to store user profiles, chat messages, and group chat room data, ensuring data persistence and scalability.
- Implemented user authentication and authorization mechanisms to ensure secure access to chat rooms, video calls, and protect user privacy.

Education

Rajiv Gandhi University of Knowledge Technologies (RGUKT) RK Valley	Kadapa, India
Bachelor of Technology in Computer Science and Engineering	*Expected Graduation: 2025*

Certifications

Coding Proficiency - GeeksforGeeks and LeetCode
Completed and documented over 300 to 400 coding challenges and maintaining 85 days of streak in geeks for geeks and leetcode
Regularly pushed solutions to GitHub