Harshith Panguluru

MERN Developer

I am an enthusiastic MERN stack developer with expertise in constructing scalable and resilient web applications. Owing to my proficiency in Node.js, MongoDB, Express.js, and React.js, I thrive on developing user-friendly, uninterrupted experiences across the entire web development stack.

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WORK EXPERIENCE

Full Stack Developer
Jukshio Tehnology Innovation Pvt. Ltd

06/2024 - Present *Hyderabad, India*

Achievements/Tasks

- Successfully loaded AI models to detect and ensure proper visibility of user faces, enabling accurate video and image capture.
- integrated document capture functionality based on event-driven orientation detection.
- Developed and maintained APIs using Node.js and Express.js, ensuring high performance and scalability.
- Designed and implemented RESTful services, handling data processing and integrations with PostgreSQL databases.

Full Stack Developer
Loktantra Mediatech Pvt. Ltd

03/2023 - 05/2024 *Bangalore, India*

Achievements/Tasks

- Hands-on experience with LiveKit RoomEvents for creating interactive and dynamic functionalities in web applications.
- Implemented secure user logins by integrating Google and Microsoft Authentication protocols, ensuring enhanced data protection and user identity verification, reducing potential security breaches.
- Integrated multiple APIs utilizing Redux Saga and RTK Query, enhancing system capabilities. Leveraged advanced state management techniques to streamline interactions and deliver a cohesive user experience.
- Executed the migration of a project from JavaScript to TypeScript, elevating code quality and facilitating easier maintenance. Implemented type safety measures, enhanced developer productivity, and ensured smoother collaboration across teams.
- Implemented robust authentication and authorization mechanisms for user data security in the backend using Node.js, integrating OAuth and JWT strategies.
- Utilized socket.io in Node.js for real-time data synchronization, enabling efficient communication between multiple clients and the server in the backend.

Software Developer - I
Codeunity Technologies Pvt. Ltd

06/2021 - 02/2023 *Hyderabad, India*

Achievements/Tasks

- Integrated Google Firebase for phone number-based authentication, enhancing the security and user authentication capabilities of the project.
- Implemented and integrated necessary CRUD APIs with the frontend, ensuring smooth communication between the user interface and backend functionalities.
- Developed the backend infrastructure utilizing Node.js, Express.js, and Google Firebase, ensuring a robust foundation for seamless application functionality.
- Implemented responsive user interface designs using HTML, CSS, and Bootstrap, ensuring adaptability and an optimal viewing experience across various devices.
- Developed reusable components with a heightened level of customization, contributing to improved modularity and code efficiency.
- Designed layout and graphics to enhance aesthetics and appearance of website. Performed Troubleshooting the website on different browsers to determine quality.

SKILLS

Javascript | ReactJs | NextJs | MongoDB | ExpressJS | Redux | Redux Saga | RTK Query | Typescript | HTML | CSS | Github | Bitbucket | NodeJs | Postgresql

PROJECTS

Jio Self-Kyc
- This enables Jio SIM card users to complete their KYC process seamlessly through a user-friendly application. This project involves the development of advanced AI-driven features to ensure accurate identity verification and document capture.

Khul Ke
- An Indian social network for genuine conversations, where it lets users build and join interest-based communities by offering audio-visual calling, private messaging, and live streaming. Users may share their views and opinions on numerous topics and discuss them with others.

MeetUp
- A Video conferencing platform that allows users to host and join virtual meetings, video conferences, and webinars. Also provides the additional capability to simulcast meetings on YouTube and Facebook.

TS-bPASS Citizen Console
- A Single Integrated platform for processing of various permissions required during development of land and construction of building through self-certification system.

Kakarla Dental
- A web application for online consultation with doctors and book appointments at your convenience and used to store lab records online via admin

TechSWAP
- TechSWAP is a project which allows students to register for Seminars and Workshops to improve their knowledge.

Sitara Foods
- E-commerce Web application for selling food items.

EDUCATION

B.Tech, (Electrical Engineering)
IIT Ropar

Punjab, India

LANGUAGES

English
Full Professional Proficiency

Telugu
Full Professional Proficiency

Hindi
Limited Working Proficiency