

TRIPURARI KUMAR

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PROFILE

I am a Software engineer with over 2.5 years of Experience in Web Development. My expertise lies in crafting robust and efficient code to deliver visually appealing and scalable Progressive Web Applications. Committed to continuous learning, I always stay abreast of the latest trends and technologies in web development. Always eager to contribute my skills and passion for innovation to create impactful solutions and add value to forward-thinking teams.

SKILLS

PROGRAMMING LANGUAGES
LIBRARIES/FRAWORKS
TOOLS / PLATFORMS
PROBLEM SOLVING

JavaScript, Typescript, HTML5, CSS3, C++
ReactJs, NextJs, Redux Toolkit, NodeJs, ExpressJs, MongoDB, Jest, MUI, Socket.IO, Storybook
Postman, JIRA, Git, Webpack, Azure, OKTA
Solved more than 800 competitive programming/DSA problems on LeetCode/CodeForces

EXPERIENCE

MINDSTIX SOFTWARE LABS | SOFTWARE ENGINEER

Pune, Maharastra | July 2021 – Present

LENNAR HOMES - GREEN FOLDER EXPERIENCE

Nov 2022 - Present

- Developed a real estate management Application of Lennar, a Leading real state home construction company in US.
- Utilized **Google Maps SDK** for web app: integrated maps with custom markers, clustering for efficiency, and lively animations for an enhanced visual experience.
- Enabled seamless creation, tracking, and management of deals and opportunities in specific US divisions.
- Did Migration from **Redux Toolkit** to **Redux Toolkit Query** for efficient and optimized data fetching from **REST APIs**, improving application performance and reducing unnecessary network requests.
- Implemented authentication using **MicroSoft Authentication Library (MSAL)** and **OKTA**, ensuring secure access control and user authentication.
- Coordinated in feature prioritization, triaging bugs, and played a key role in debugging and resolving identified issues
- Utilized **Jest** for unit test cases and increased code coverage from completely scratch to **86 %** and maintained it consistently above the recommended 85 %, ensuring a robust and reliable codebase.

LENNAR HOMES - GREEN FOLDER STANDARDISATION

July 2022 - Oct 2022

- Integrated **REST** and **GraphQL APIs** into UI for dynamic form operations in Lennar Homes.
- Upgraded UI performance by optimizing critical rendering paths, resulting in faster page loads and a notable improvement in user engagement.
- Led team code reviews to maintain code quality and adherence to standards.
- Developed **Reusable** components and meticulously **documented** the code for enhancing accessibility and integration across the entire project.

AMWAY TAIWAN - NEXTGEN E-COMMERCE

Aug 2021 - July 2022

- Collaborated as a dedicated developer within a dynamic team to develop a fully responsive e-commerce platform tailored for Amway Taiwan, catering to the preferences and needs of Taiwanese consumers in health, beauty, and home care products.
- Developed featured-rich components completely from scratch for key sections such as HomePage, Product Details Page, Cart and Checkout Page
- Played a key role in Seamless Payment Gateway integration for secure and convenient transactions.
- Utilized **NextJs** for **Server Side Rendering** for enhancing performance and user experience.
- Implemented and collaborated on a **Microfrontend** architecture, leveraging CodeArtifact, to enhance modularity and scalability
- Designed a **NodeJs** based **BFF (Backend For Frontend)** architecture to optimize communication and ensure synchronization between the Frontend and Backend of an application.
- Completely revamped the user interface, resulting in total of **3.14 million** monthly visits, proving my expertise in enhancing user experiences.

PROJECTS / OPEN-SOURCE

VIRTUOMEET (REAL TIME VIDEO CONFERENCING APPLICATION) | [LINK](#)

NextJs, WebRTC, Socket.io, Tailwind CSS

- Utilized **WebRTC** for establishing media streams, providing efficient video and audio communication.
- Designed and integrated a responsive player for rendering high-quality media streams during sessions.
- Established signaling mechanisms for WebRTC connection.
- Engineered a user-friendly lobby system and an easy-to-use interface for video calls.

WECHAT (REAL TIME CHAT APPLICATION) | [LINK](#)

ReactJs, NodeJs, MongoDB, Socket.io, MUI

- Built a real-time chat app using **ReactJs** and **NodeJs**, leveraging **Socket.io** for seamless instant messaging.
- Added key functionalities such as Profile Setup and User Authentication to enhance user customization, personalization and ensuring a secure user-friendly experience.

EDUCATION

ARMY INSTITUTE OF TECHNOLOGY
BE INFORMATION TECHNOLOGY

2017 - 2021
Pune, Maharastra, India