MARTHU ASHOK BABU

+91-7871941622 • linkedin.com/in/ashok-babu-marthu • ashokmarthu999@gmail.com

WORK EXPERIENCE

TEKsystems - Associate Software Engineer — December 2021 – Present

Project: INTEGRATED QUOTING (IQ)
Technologies Used: React JS, Redux, JavaScript, TypeScript, GraphQL, Material UI, Vite

- Proficient in React.js for developing user-facing features, and enhancing performance with Higher Order Components (HOC), Code Splitting, and ES6 features. Adept at utilizing TypeScript to improve code quality.
- Worked on optimizing and refactoring the existing codebase to improve maintainability and code quality while adhering to best practices.
- Transformed Figma designs into functional features, consistently enhancing and refining UI/UX using front-end technologies like React JS, HTML, and CSS.
- Incorporated the Material UI library to ship new features faster and optimize the responsive web application's UI/UX design.
- Created responsive user interfaces by breaking them into components and integrated GraphQL APIs using Apollo Client library.
- Implemented Redux for efficient state management and data flow in web applications.
- Utilized Vite for bundling front-end assets, optimizing application performance and ensuring efficient deployment.

Project: ONE CONFIGURATION (E - Commerce, HP2B)
Technologies Used: Svelte, JavaScript, Tailwind CSS, Redux Toolkit, Rollup

- Successfully migrated a configurator project from React JS to Svelte, optimizing performance and streamlining development workflow, and implemented it as a micro-frontend for seamless integration
- Utilized Tailwind CSS for efficient styling in Svelte, significantly expediting the design process.
- Developed core configurator functionalities from scratch, minimizing reliance on external packages.
- Enhanced user experience by introducing new features and refining existing functionalities.
- Conducted comprehensive debugging, code reviews, and optimizations to uphold code quality and performance standards.
- Facilitated seamless customization and integration of the configurator into partner websites.
- Utilized Git for version control, ensuring code consistency, and regularly pushed code to GitHub repositories.

SKILLS & TECHNOLOGIES

React, Svelte, JavaScript, TypeScript, HTML, CSS, Redux, Redux Toolkit, GraphQL, Jest, Material UI, Tailwind CSS, Webpack, Rollup, Vite, Git, GitHub

CERTIFICATIONS & AWARDS

BEST NEW TALENT - SEP 2022
BEST IMPACT - DEC 2023

EDUCATION

HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE, Chennai — **July 2015 – June 2019**
B. Tech in Mechanical Engineering