KATHIRVEL SWAMY

Perundurai, Tamil Nadu - 638052

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Education

Kongu Engineering College   **Erode, Tamil Nadu**
Bachelor of Science, Software Systems   *Jun. 2015 – Apr 2018*

Experience

Senior Engineer   **Oct 2021 – Present**
QBurst   *Bengaluru, Karnataka*

- Collaborated with cross-functional teams to design and develop SPA using React, resulting in a more streamlined and efficient development process
- Developed micro front-end applications using React, Webpack Module Federation, and TypeScript, following the principles of modularity, scalability, and maintainability
- Implemented responsive web designs, significantly enhancing user experience and accessibility, leading to a 30% increase in user engagement
- Leveraged a combination of HTML, SASS, styled-components, React, TypeScript, and JavaScript to create user interfaces that adapt flawlessly to various screen sizes and devices, guaranteeing an optimal user experience
- Utilized React Testing Library to perform comprehensive unit tests on React components, verifying their functionality and behavior against project specifications
- Set up the mock server to expedite the development process during the API development phase
- Mentored peers for a smooth transition to the React and TypeScript ecosystem
- Provided mentorship and training to junior team members on best practices for unit testing using React Testing Library and Enzyme
- Engineered the components and folder structure to be consistent with the industry's best practices
- Created and maintained Jenkins pipeline scripts to automate continuous integration and deployment processes
- Made substantial contributions to various projects, primarily utilizing backend technologies such as Node.js, Express.js, and TypeScript

Systems Engineer   **Jul 2018 – Aug 2021**
Infosys   *Chennai, Tamil Nadu*

- Designed and developed a library of reusable React components to streamline user interface development
- Demonstrated expertise in diagnosing and rectifying bugs within React applications, streamlining code for improved functionality and user experience
- Employed rigorous debugging techniques, such as browser dev tools and code analysis, to pinpoint and address issues promptly, resulting in enhanced software stability and reliability
- Incorporated ES6 features, including arrow functions, template literals, destructuring, and block-scoped variables (let and const), to enhance code readability, maintainability, and overall project efficiency
- Actively participated in Agile ceremonies, including daily stand-ups, sprint planning, and retrospective meetings. Contributed to accurate sprint estimations, task prioritization, and fostering a culture of continuous improvement within the development team

ACHIEVEMENTS

Successful POC and Project Completion

∗ I am thrilled to share a significant achievement within our team - the successful creation and execution of a Proof of Concept (POC) for the Flex Message module, as well as the completion of the project. This endeavor not only received praise from our client but also led to the acquisition of a new project. Our CEO recognized and appreciated our efforts, highlighting this remarkable accomplishment.

Technical Skills

Languages: JavaScript, TypeScript, HTML/CSS, SASS, SQL
Frameworks/Libraries: React, Next.js, Node.js, Jest
Developer Tools: Git, Docker, Jenkins, VS Code, IntelliJ, Eclipse, npm, yarn
Technologies: Redux, Redux Thunk, Redux Saga, Redux Toolit, RTK Query, styled-components, React Testing Library, React Hook Form, Formik, moment, yup