THARANIDHARAN PONSELVAM

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SUMMARY

Results-driven Software Engineer with nearly **three years of experience** building and optimizing scalable frontend applications with **React and Redux Toolkit**. Led a successful migration from SAP UI5 to React, which led to being awarded the **'Rising Star'** for outstanding performance. Seeking to apply my skills in **creating reusable, high-performance components** to build exceptional user interfaces.

EXPERIENCE

INCTURE TECHNOLOGIES   JULY 2024 - PRESENT
Software Engineer   *Tech Stack: React, Redux Toolkit, Material UI*

- Improved frontend performance by implementing **code splitting and memoization** techniques, which **reduced unnecessary re-renders** and cut down on redundant API fetch requests.
- Reviewed code written by peers and guided junior developers, fostering collaboration and **improving code quality and maintainability**. Written, reviewed and executed unit test cases improving **code reliability**.
- Collaborated with stakeholders to translate business requirements into technical specifications, ensuring alignment with business goals.
- Directed the coding and testing phases of the SDLC ensuring a high-quality product launch that met all stakeholder expectations.
- Developed the frontend interface for a client-specific implementation of the product, **enhanced user experience by fixing bugs and improving application's responsiveness**.

INCTURE TECHNOLOGIES   AUGUST 2022 – JUNE 2024
Associate Software Engineer   *Tech Stack: React, Redux Toolkit, Material UI*

- **Collaborated directly with UI/UX designers** to translate Figma mockups into pixel-perfect, responsive components, ensuring a seamless and intuitive user experience.
- Spearheaded the migration of a legacy SAP UI5 application to a modern React stack for key modules (Workbench, E-Invoice), **improving performance and earning a team-wide award** for the project's success.
- Participated in a sprint-based Agile development methodology, utilizing Azure DevOps for effective project management and team collaboration **reducing the features delivery time**.
- Created Invoice templates and E-mail templates for demos using HTML and CSS, increasing the **demo success rates**.
- Collaborated with QA teams to achieve a **significant reduction in software defects**.

EDUCATION

B. E Computer Science and Engineering   2018-2022
COIMBATORE INSTITUTE OF TECHNOLOGY   CGPA: 7.5/10

SKILLS

- **Languages:** JavaScript (ES6+), HTML, CSS, Python
- **Frameworks & Libraries:** React.js, TypeScript, Redux Toolkit, Node.Js, SAP UI5, Material UI
- **Tools & Platforms:** Git, GitHub, Postman, Chrome Dev Tools, React Developer Tools, VS Code, Azure Devops
- **Expertise:** Software Design & Debugging, Responsive web development, Problem Solving, Data Structures and Algorithms, REST APIs Integration, Agile Methodologies, Accessible Web Development
- **Testing Tools:** Vitest, React Testing Library
- **AI & Developer Tools:** GitHub Copilot, ChatGPT (For brainstorming, technical clarifications and rapid documentation)

PROJECTS

VS CODE THEMED PORTFOLIO SITE
- Pixel-perfect VS Code-themed portfolio featuring dynamic components for opening and closing 'files', effectively showcasing my frontend development skills in a creative way.
- Link to the site - https://code.tharani.dev/

CERTIFICATIONS

- Scrimba Front-end Developer Career Path: A project-driven front-end development course. Link to certificate - Certification Link