THARANIDHARAN PONSELVAM

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SUMMARY

Results-driven Software Engineer with over two 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   DEC 2022- PRESENT
Software Engineer   *Tech Stack: React, Redux Toolkit, Material UI*

- 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.
- 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**.
- Participated in a sprint-based Agile development methodology, utilizing Azure DevOps for effective project management and team collaboration **reducing the features delivery time**.
- Collaborated with stakeholders to translate business requirements into technical specifications, ensuring alignment with business goals.
- **Collaborated directly with UI/UX designers** to translate Figma mockups into pixel-perfect, responsive components, ensuring a seamless and intuitive user experience.
- 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
Software Engineer Trainee   Aug 2022 – Dec 2022

- 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

COIMBATORE INSTITUTE OF TECHNOLOGY   2018-2022
Bachelors of Engineering in Computer Science and Engineering   CGPA: 7.5/10

SKILLS

- **Languages:** Python, JavaScript, HTML5, CSS3
- **Frameworks & Libraries:** React.js, Redux Toolkit, Node.Js, SAP UI5, Material UI
- **Tools & Platforms:** Git, GitHub, Postman, Chrome Dev Tools, VS Code, Azure Devops
- **Expertise:** Responsive web development, Problem Solving, Data Structures and Algorithms, RESTful APIs Integration, Agile Methodologies

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