AKILAA VIGNESH

REACTJS DEVELOPER

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| https://akilaa-portfolio.s3.eu-north-1.amazonaws.com/index.html

SUMMARY

Front-end Engineer with 4+ years of experience crafting robust and scalable web applications using modern technologies. Demonstrated expertise in writing clean, maintainable code with a strong focus on performance optimization and responsive design principles. Deep passion for software development, staying current with emerging technologies, and implementing best practices in web development.

SKILLS

Frontend Development: ReactJs, Redux, Redux Toolkit, TypeScript, JavaScript, HTML, CSS
Testing & Debugging: Jest, React Testing Library
Development Tools: VS Code, GitHub, Bitbucket, JIRA
UI/UX & Accessibility: Figma, InVision, Lighthouse, JAWS
Languages: English, Tamil.

PROFESSIONAL EXPERIENCE

Senior Software Engineer, EY GDS India LLP | Nov 2020 - Present

- Designed and developed a highly responsive Single Page Application (SPA) using React, React Router, and Redux Toolkit, improving page load speed by 10% and enhancing user experience across devices.
- Built reusable React custom hooks for API calls and optimized UI with Portals and Refs, reducing redundant code by 40% and rendering lag by 15%.
- Integrated accessibility features with JAWS, achieving 100% WCAG 2.2 compliance and improving usability for visually impaired users, increasing overall accessibility by 10%.
- Implemented and conducted unit and integration tests using Jest and React Testing Library, boosting test coverage by 85% and minimizing bugs by 25%.
- Mentored junior developers through code reviews and best practices, improving code quality and team efficiency by 30%.

Consultant Trainee, Zilker Technology (Acquired by EY) | Jul 2020 - Oct 2020

- Revamped a React.js portal for an energy utilities company, increasing user engagement and improving customer service efficiency by 15%.
- Converted a full page to match wireframe designs with React.js, reducing UI inconsistencies by 40% and ensuring a seamless, responsive experience.

Developer Intern, Zilker Technology (Acquired by EY) | Dec 2019 - Jun 2020

- Constructed a leave and work-from-home request portal for employees, reducing approval processing time by 40%, enabling managers to generate reports 2x faster.

EDUCATION

Bachelor of Science in Information Technology | Aug 2016 - Mar 2020

Sri Krishna College of Technology, Coimbatore | GPA - 9.3/10

PROJECTS

- Built a React e-commerce website using useContext, useReducer, Redux, and Redux Toolkit for efficient state management, leveraging custom hooks to enhance reusability and performance.

website - https://akilaa-v.github.io/aura-apparel/