

Akilaa Vignesh

A software developer with 4.5 years of specialized experience in React.js, consistently delivering dynamic and user-friendly interfaces with deep expertise in modern frontend architecture and state management solutions. Proven track record of creating scalable applications while maintaining high code quality standards and driving successful project outcomes.

Work Experience

Software Engineer, EY GDS India LLP

Nov 2020 - Present

- Engineered a responsive Single Page Application (SPA) using React, React Router, Redux, and Redux Toolkit, delivering seamless state management and navigation for an enhanced user experience.
- Designed and implemented advanced fetch logic with React Hooks and custom hooks, streamlining API calls and improving code reusability.
- Optimized complex UI scenarios with React Portals and Refs, enabling efficient DOM manipulation and flexible rendering outside the standard hierarchy.
- Leveraged React Router for client-side routing and centralized state management with Redux Toolkit, ensuring scalability and reliability in dynamic applications.
- Adhered to best practices in Redux Toolkit, including slice reducers and middleware integration, while building reusable components for faster development and consistent interfaces.
- Leveraged useContext to efficiently manage and share state across multiple components, streamlining application logic and improving maintainability.

Consultant Trainee, Zilker Technology (Acquired by EY)

Jul 2020 - Oct 2020

- Developed a React.js portal for an energy utilities company, enhancing user engagement and streamlining customer service processes.
- Converted an entire page to match the wireframe design using React.js, ensuring a seamless and responsive user experience.
- Took ownership of features and provided support until they were successfully moved to production.

Developer Intern, Zilker Technology (Acquired by EY)

Dec 2019 - Jun 2020

- Developed an efficient leave and work-from-home request portal for employees, equipped with managerial tools for generating reports and conducting discrepancy checks.
- Gained insights into best software development practices from experienced Senior Developers

Educational Background

Bachelor of Science in Information Technology

Sri Krishna College of Technology, Coimbatore

Aug 2016 - Mar 2020

Contact

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- www.linkedin.com/in/akilaa-vignesh-312aa5137
- <https://github.com/akilaa-v/aura-apparel/tree/develop-branch>
- Coimbatore

Skills

Technical Skills

- ReactJs
- Javascript
- HTML and CSS
- Redux
- Redux toolkit
- React Router
- React Hooks
- Browser Developer Tools

Tools/Software

- Visual studio code
- JIRA
- Bitbucket
- GitHub
- React devtools

Languages

- Tamil (Fluent)
- English (Fluent))

Personal Projects

Clothing website

- Built a website using React, incorporating useContext, useReducer, Redux, Redux Toolkit, React Hooks, and custom hooks for efficient global and complex state management.
- Integrated secure authentication to enhance application functionality and ensure user access control.