

Akilan Elangovan

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PROFESSIONAL SUMMARY

Experienced Web Developer with over 2 years of expertise in frontend and full-stack solutions, including 2 years of hands-on experience with Angular. Proficient in modern JavaScript frameworks such as ReactJS, with strong backend skills in Django. Experienced in implementing OAuth authentication, developing efficient APIs, and managing databases with PostgreSQL. Skilled in automated testing using Playwright. Passionate about creating user-centric web applications and staying current with emerging technologies.

EXPERIENCE

Software Developer, Metaplore Solutions – Chennai, India August 2023 – Present

- Developed and deployed scalable front-end modules using React and Angular, supporting over 100,000 users with integrated OAuth authentication (GSuite, Azure, Okta) for seamless user access control.
- Built and maintained dynamic, responsive interfaces using Angular and React, leveraging component-based architecture, custom hooks/services, and state management (Context API), leading to a **25%** increase in UI performance and improved developer productivity through reusable code.
- Engineered a high-performance React application for an enterprise product, utilizing MUI for core components and implementing a custom-optimized table component with Tanstack Table, resulting in a 10% reduction in overall application bundle size.
- Designed and implemented a role-based access control (RBAC) system to manage granular user permissions dynamically across the application portal.
- Authored and maintained 800+ end-to-end Playwright test cases, ensuring high reliability, regression coverage, and CI/CD pipeline stability.
- Implemented lazy loading of Angular modules and optimized route configuration, resulting in a 35% improvement in initial load time and enhanced performance for large-scale enterprise applications.
- Resolved over 20 customer raised issues, across 1+ various projects, further improving stability and user experience.
- Mentored junior developers and led tech sessions, promoting collaboration and foundational engineering knowledge across the team.

SKILLS

Programming Languages: JavaScript, Python

Frameworks: React, Angular

Web Development: HTML, CSS, Typescript, REST API, JSON:API, OAUTH, WebSockets

Tools and Technologies: Git, Material UI, Typescript, Winscp, JIRA

Testing: Unit Testing, Integration Testing, Playwright

Database: PostgreSQL,MySQL

EDUCATION

Bachelor of Computer Application (BCA) August 2020 - March 2023

Sri Ramakrishna College of Arts and Science – Coimbatore,India

- CGPA: 7.8

PROJECTS

OAuth Integration – Angular Web App (AWS EC2 Deployment)

- Integrated OAuth 2.0 authentication in an Angular web app with third-party providers like Google and Azure for secure, token-based user login.
- Deployed the OAuth-enabled application on AWS EC2, configuring environment variables and routes to support production-ready authentication flows.