

RAKSHITH ALFRED KALAPALA

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PROFESSIONAL EXPERIENCE

Walmart Health & Wellness (Remote) **Front End Developer**

January 2023 – Present, Santa Monica, CA

- Engineered responsive, mobile-optimized web interfaces using React and Next.js, integrating GraphQL for dynamic data fetching, which increased user engagement and retention by 30%.
- Established Content Security Policy (CSP) configurations for the security of Next.js applications, demonstrating a strong understanding of web-based security threats and prevention techniques.
- Launched web applications with new filtering and search features that improved performance by 40% and cut future development costs by 20%.
- Developed and launched web applications with advanced filtering and search features using React.Js and GraphQL, which improved performance by 40% and reduced future development costs by 20%.

Idelji Corporation

April 2021 – December 2022, Santa Monica, CA

Full Stack Web Developer

- Innovated Angular-driven web components that enhanced user engagement, yielding a 2-minute increase in average session duration.
- Led the development of medium to large-scale applications across the entire stack, significantly reducing technical debt through the implementation of sensible abstractions, comprehensive testing, and strict adherence to coding and web standards.
- Employed Jasmine, Karma, and NPM to enhance code reliability by 25%, ensuring robust development and testing practices were maintained.
- Demonstrated expertise in unit and API testing, leading to a 30% faster QA cycle with Karma and Mocha.
- Architected CI/CD pipelines with Jenkins and AWS, automating deployment processes and cutting release times by 50%, which streamlined operations and ensured consistent adherence to industry best practices.

Creative Aero Engineering Solutions

May 2020 – Aug 2020, Long Beach, CA

Front End Developer Intern

- Built cross-browser compatible websites, resulting in 22% faster load time than the industry average.
- Produced multiple visual elements of web applications by translating UI/UX design wireframes into code, producing high-quality markup React MUI.
- Worked closely with an agile team of 3 members and provided end-to-end solutions for clients.

PROJECTS/OPEN-SOURCE

- Designed and developed a user-review website where users can review their sellers and share their experiences. <https://www.lovetoair.com>
- Designed and developed and pickleball social connections app where players can connect, communicate, and organize tournaments. <https://github.com/rakshith22-glitch/professional-poacher>

EDUCATION

California State University Long Beach, Long Beach, CA
Master of Science, Computer Science

January 2019 – January 2021