Alex Matheson

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Senior React Native Engineer with 5 years of experience leading app development. Known for attention to detail and enhancing app performance. Achieved a 35% reduction in crash rates at Trucker Tools, improving reliability and user experience. At both Trucker Tools and Walmart, led teams in rewriting and architecting multiple applications.

Skills

Typescript | Javascript | React Native | React | Redux | Node.js |Figma | Jest | Firebase | Git | GitHub | JIRA | Firebase

Work Experience

React Native Mobile Engineer - Frontend developer

Tech Lead - Trucker Tools – April 2023 - present

Frontend Manager, Software Architect

- Launched the rewritten React Native app with an impressive ~99.95% crash-free rate, maintaining 100% crash-free weeks on several occasions, ensuring a stable and reliable experience for users.
- Achieved significant cost optimizations, reducing Google API expenses by 104k in yearly costs in just two weeks, directly impacting the company's bottom line.

Tech Lead, Senior Software Engineer

- Led a team of four engineers in the complete rewrite and optimization of a React Native app with over 250,000 monthly active users, completing the project in just five months.
- Planned, architected, and executed the full app rewrite to deliver a more efficient, reliable, and user-friendly experience
- Reduced app size from 48MB to 28MB and cut download times from 41 seconds to 21 seconds, enhancing performance and accessibility.
- Established high standards for testing and coding practices, utilizing tools such as Jest and TypeScript for improved stability and maintainability.
- Mentored and coached team members, improving overall synergy, efficiency, and fostering a collaborative development environment.
- Achieved a notable 35% reduction in app user perceived crash rates within the initial four months through adept utilization of Sentry, and various debugging, monitoring, and profiling tools.

Software Engineer - Frontend Developer

Walmart Global Tech - Bentonville, AR – April 2020 - April 2023

Tech Lead, Software Engineer III

- Led UI team for the Receiving department, managing four developers across two projects.
- Architected a scalable React Native app for Walmart and Sam's Club, enhancing productivity, ensuring precise inventory management, and saving millions in compliance fines.
- Streamlined work processes by providing accurate estimates and eliminating roadblocks. While upholding code standards, optimizing app performance, and meeting team velocity goals.

Software Engineer II

- Contributed as a Frontend Engineer, reducing time spent by Walmart associates by 75-90% through implementing new features in React Native and Ionic/Angular 9+ apps.
- Broadened skill set by understanding business operations, leading development initiatives, and collaborating with tech teams.
- Boosted productivity of Walmart's monthly produce inventory process by 25%

Education

B.S. in Computer Information Technology – GPA 3.7

Brigham Young University-Idaho

- Emphasis in Web Development, Software Engineering, Computer Science