

Alex Matheson

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Senior React Native Engineer with 6 years of experience leading app development. Known for attention to detail and enhancing app performance. Led a React Native makeover so good it led to acquisition of Trucker Tools. At both Trucker Tools and Walmart, led teams in rewriting and architecting multiple applications in both React Native & NextJS.

Skills

Typescript | Javascript | React | React Native | NextJS | Fastlane | Codepush/OTA | Expo | Zustand | Turbo Modules | Firebase

Work Experience

React Native Mobile Engineer - Tech Lead

Trucker Tools / DAT Freight Analytics – April 2023 - present

Frontend Manager, Software Architect

- All of my work on the React Native makeover and cost optimizations at Trucker Tools became a key selling point in the company's acquisition by DAT Freight & Analytics.
- Launched the rewritten React Native app with an impressive ~99.98% average crash-free rate, even maintaining 100% crash-free multiple weeks, 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.
- Built out Fastlane automations, e2e test automation, OTA updates & Force update capabilities, Native/Turbo Modules, and monorepo; all to further the speed and quality of my team's output

Senior Software Engineer, Tech Lead

- Led a team of four engineers in the complete rewrite and optimization of a React Native app with 370k+ MAUs, 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, Maestro, Appium 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

Software Engineer III, Tech Lead

- 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 Rx 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.
- Boosted productivity of Walmart's monthly produce inventory process by 25%

B.S. in Computer Information Technology @ Brigham Young University-Idaho