

Caressa Arias

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PROFESSIONAL SUMMARY

Senior React Native Engineer with 9+ years building and stabilizing production-grade cross-platform mobile applications. Experienced in TypeScript, native module development (Java/Swift), CI/CD automation, and end-to-end mobile release ownership. Focused on scalable architecture, testing, and long-term maintainability.

SKILLS

Mobile:	React Native (Expo & Bare), Android (Java/Kotlin), Native Modules (Swift/Java), Fastlane
Frontend:	React, Next.js, TypeScript, JavaScript (ES6+), Redux, Accessibility (WCAG), Jest, React Testing Library
Backend & Cloud:	NestJS, PostgreSQL, Prisma, REST APIs, OAuth/JWT, Docker, Azure, Redis
DevOps & Tooling:	CI/CD (GitHub Actions, Azure), Firebase, Crashlytics, Git

WORK EXPERIENCE

Oddball | *Senior Mobile Developer* April 2026 – Present

- Developing React Native features and platform improvements for the VA mobile healthcare application.
- Contributing to cross-functional mobile delivery within a federal engineering environment.
- Supporting accessibility, mobile architecture, and application workflows across TypeScript and React Native systems.

Macnew Consulting | *Full Stack Software Engineer (Contract)* March 2026 – June 2026

- Architected and delivered a multi-tenant governance SaaS platform for enterprise compliance and security workflows.
- Built a full-stack TypeScript platform using Next.js, NestJS, PostgreSQL, Prisma, Docker, and Azure.
- Implemented Entra ID authentication, JWT session rotation, RBAC authorization, and audit logging.
- Built approval workflows, dashboards, i18n support, exports, and automated task systems.

Olympiah | *Senior Engineer (Mobile & Frontend Lead)* Jan 2025 – March 2026

- Standardized architecture across React and React Native codebases to improve maintainability.
- Built CI/CD pipelines (GitHub Actions + DigitalOcean) with automated testing and linting, reducing build failures by 50%.
- Cut deployment time by 40% and increased release frequency through automated quality gates.

Excella | *Senior Mobile Developer – Public Trust* Dec 2021 – Jan 2024

- Led React Native architecture for a federal healthcare app, ensuring secure cross-platform parity.
- Built custom Swift and Java native modules integrating ML Kit for on-device image validation.
- Implemented OAuth, secure storage, and automated testing using Jest and React Testing Library.
- Automated App Store and Google Play releases using Fastlane while maintaining 90%+ test coverage.
- Contributed mobile architecture strategy for new product proposals as the sole mobile engineer.

Inland Empire Health Plan (IEHP) | *Senior Android Developer* Mar 2019 – Dec 2021

- Sole engineer responsible for Android architecture, modernization, and release lifecycle of a 7k+ user healthcare app.
- Refactored legacy Java/Kotlin codebase, improving stability and increasing downloads ~20%.
- Designed Azure CI/CD pipelines and automated Google Play releases, reducing deployment time ~50%.

Chesapeake Technology International (CTI) | *Software Engineer – Secret Clearance* Jun 2014 – Jul 2018

- Built Java desktop and Android applications for a plugin-based GIS platform processing real-time sensor data.
- Implemented custom plugins to convert raw sensor packets into geospatial visualizations.
- Mentored 4 interns and supported field deployments in classified environments.

EDUCATION

University of California, Santa Barbara, Bachelor of Science, Computer Science