KADIN PEGRAM

Austin, TX · kepegram1@gmail.com · (609) 949-3117 · Portfolio · LinkedIn

SUMMARY

Experienced Mobile App Developer and Automation Quality Engineer specializing in building cross-platform mobile applications and implementing comprehensive automated testing frameworks. Proficient in React Native for app development and tools like Appium, TestNG, and Java for mobile automation testing. Adept at designing scalable solutions to improve software reliability, accelerate development cycles, and ensure seamless user experiences.

SKILLS

Programming Languages:	Swift, Kotlin, JavaScript, TypeScript, Java, Python
Mobile Development:	React Native, Redux, Expo CLI, Swift (iOS), Kotlin (Android)
Bluetooth/BLE:	BLE device connectivity, Bluetooth services, IoT integration
Backend & Cloud:	Firebase, Firestore, Google Cloud
Testing & Automation:	Appium, Jest, TestNG, Charles Proxy
CI/CD:	Jenkins, GitHub Actions

WORK EXPERIENCE

General Motors — Warren, MI
Mobile App Engineer — Aug 2022 - Sep 2024

- Built cross-platform mobile applications using React Native, ensuring responsive UI and enhanced user experience.
- Supported SDK development for real-time mobile-to-vehicle communication.
- Revived and productionized the Trusted Device feature using React Native and Redux within a new mono repo architecture.
- Implemented Bluetooth Low Energy (BLE) and Bluetooth services for the Trusted Device feature, enabling secure connections to vehicle infotainment systems.
- Partnered with UI teams to ensure feature designs aligned with Figma prototypes.
- Managed CI/CD pipelines for app distribution and applied agile methodologies to streamline development workflows.

General Motors — Warren, MI
Mobile Quality Engineer — Aug 2022 - Sep 2024

- Developed and maintained robust automated testing frameworks using TestNG, Appium, and Java, improving test coverage by 40%.
- Conducted end-to-end Bluetooth connectivity tests, ensuring reliability in vehicle-app communication.
- Validated API interactions using Charles Proxy and performed network analysis to ensure reliable data exchange.
- Integrated automated regression testing into Jenkins pipelines, accelerating release cycles.

Towson University — Towson, MD
IT Software Engineer Manager — Aug 2018 - May 2022

- Developed shell scripts to automate system monitoring tasks, improving network reliability and uptime.

PROJECTS

Jetset — Austin, TX
Full Stack Engineer — July 2024 - Present
GitHub Repo

Technologies Used: React Native, TypeScript, Google Cloud, Gemini API, Google Maps API, Google Places API, Firebase Auth, Firebase Firestore, Expo CLI

- Built core features with React Native, streamlining user interactions and trip planning processes.
- Utilized Firebase Auth and Firestore for real-time authentication and data synchronization.
- Implemented AI-driven itinerary planning using Google Cloud and Gemini API.

EDUCATION

Towson University — Towson, MD
BS Computer Science — Aug 2018 - May 2022