# Kadin E. Pegram

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## SKILLS

- Java, JavaScript, TypeScript, HTML, C++
- React/React Native
- Azure DevOps/Pipelines
- Firebase App Distribution
- Firebase Firestore
- Appium, Appium Inspector
- Cucumber/TestNG
- Git
- Cocoa pods
- Charles Proxy
- Docker
- Figma

- Test Automation
- MySQL, SQLite
- Perfecto, Perfecto Reports
- NodeJS
- Shell Terminal Commands
- Object Oriented Programming
- IntelliJ, VSCode, XCode
- ESLint/Prettify
- Message Queuing Telemetry Transport (MQTT)
- Jenkins
- Github/Github actions/Github pages
- React Redux

## WORK HISTORY

**Mobile App Developer**, 01/2023 to Present
**General Motors** – Warren, MI
- Collaborated with team members to develop a mobile SDK using TypeScript and JavaScript.
- SDK includes the functionality to communicate with vehicle services via publish cloud events and control/subscribe to various vehicular operations for future company mobile developers to utilize and expand upon.
- Created a test app that demos the SDK using React Native, TypeScript, and JavaScript.
- Added database entries of retrieved network and cloud communication from the test app using SQLite.
- Wrote well-defined and reusable unit tests using JavaScript Jests that ensure code quality and functionality.
- Managed release pipelines to distribute the test app using the SDK amongst other coworkers.
- Executed scrum and agile methodologies by updating assigned story points and task hours daily.
- Reestablished an old feature (Trusted Device) within a new mono repo and productionized it within a year
- Built "new Trusted Device" from scratch using React Native & TypeScript methodologies
- Collaborated closely with UI teams to match features to Figma diagrams
- New mono repo utilized React Redux and thunks to dispatch commands from the mobile app to vehicle cloud teams

**Software Automation Developer**, 08/2022 to Present
**General Motors** – Warren, MI
- Developed automation scripts using Cucumber/TestNG to execute end-end flows for Trusted Device feature.
- Utilizing Perfecto to create/review test results and communicate with the release team regarding bugs and defects found.
- Using Charles Proxy to mock/overview network traffic to test mobile application vehicle integration and communication.

**Student Computing Services Manager**, 08/2019 to 07/2022
**Towson University** – Towson, MD
- Troubleshoot numerous Windows/MacOS issues that include reimaging and restructuring file systems
- Managed a team of 23+ employees and ensured daily tasks were executed
- Created shell scripts that check various computer defects such as disk usage and network status.
- Collaborated with management to install security scripts on all student desktop computers.

## EDUCATION

**Bachelor of Science**: Computer Science
**Towson University** - Towson, MD