

Eric Carter

Software Engineer, Native Android Developer

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EXPERIENCE

General Motors, Detroit, MI — Senior Mobile Device Developer

JULY 2019 - PRESENT

Department: CEI- Core Apps

Focused on build automation using Jenkins by setting scheduled build cycles (hourly or daily) and providing SCM with debug logs and failure notifications

Maintained and provided application dependencies using artifactory both locally and across the GMIT network.

Handled jenkins and artifactory environment migration from local network to GMIT and GMIT to Infotainment suite.

Assisted with minor bug fixes for applications suite and across each model year version ranging from 2017 to 2022.

JaCapps, Bingham Farms, MI — Android Developer

AUGUST 2017 - JULY 2019

Department: Mobile Applications

Assisted/ Independently built several mobile applications using Java and Android SDK in both MVP and MVVM architecture patterns

Built and maintained libraries used for platform applications that were used by multiple radio stations or podcast conglomerates

Built components for audio and video management using Services and dependency injection

Proficient in development for / with Android Auto to allow controller capabilities in car infotainment systems and application

Acquired expertise in Firebase Authentication, Firebase Firestore and Firebase analytics.

Worked on a small AR project using an open source AR library that scan an image and played a video overlaying image.

Ford Motor Company, Dearborn, MI — Software Engineer

MAY 2016 - AUGUST 2017

Department: Connected Vehicles and Services

Participated in the development and maintenance of features for Ford Pass middleware that would be used by the Fordpass App Development team.

Performed Quality Assurance of possible bugs using our test app created by the team to insure features were in proper working order.

Support multiple Global App releases by maintaining separate android flavors that would require multiple different features .

Set future software patterns to insure future developers would have clean and readable code to work with.

SKILLS

JAVA, Kotlin,
Firebase, Dagger,
Android SDK,
HTML, CSS,
Python

LANGUAGES

English

Projects

<https://github.com/eacarter>

EDUCATION

Michigan Technological University, Houghton, MI — *Management Information Systems*

AUGUST 2011 - APRIL 2016

Activities and Societies: Association for information systems - professional development committee