# Derrick Adkins

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Cincinnati, OH

Software Developer

## SUMMARY

Marine Corps veteran with five years of experience in developing a variety of applications. Capable of quickly acquiring new skills. Proven ability to debug and optimize complex systems. Knowledgeable in unit testing and creating intuitive UI/UX.

## TECHNICAL SKILLS

**Languages:** Dart, Kotlin, Java, Python, JavaScript, PHP, SQL

**Software:** Android Studio Electric Eel, GitHub Desktop, VS Code, Arduino IDE

**APIs & SDKs:** Firebase, Flutter, Google Maps, Room DB, Retrofit, OkHttp, OAuth 2.0, Arduino, jQuery, Bootstrap

**Operating Systems:** Android, Windows, Linux

## WORK EXPERIENCE

**M2M Communications** | Austin, Texas
**Software Developer** | September 2022 - April 2023
Kotlin

- Supplied quote for remote contract work.
- Analyzed existing system and developed plan to apply new requirements and features.
- Updated mobile RFID inventory application to support Android 11.
- Integrated modified API to RFID antenna.
- Facilitated publishing of application to Google Play Store.
- Communicated with project manager to ensure absolute satisfaction of completed work.

**Pelican Technologies** | Dayton, Ohio
**Senior Software Developer** | October 2015 - October 2020
Custom Software Solutions
Java | XML | SQLite | PHP

- Created RFID and barcode inventory management solutions for Android.
- Implemented Android features such as the camera, Bluetooth, Wi-Fi, GPS, and user authentication.
- Built systems that synchronized inventory data from multiple client devices with a server-side database.
- Developed applications in the MVC structure.
- Designed responsive and intuitive interfaces.
- Used manufacturer's APIs to interface with RFID and barcode reading hardware.
- Utilized TCP connections to communicate between Windows and multiple Android RFID scanners simultaneously.

**Shumsky** | Dayton, Ohio
**Junior Applications Developer** | May 2015 - September 2015
Promotional Product Solutions
ColdFusion | JavaScript | SQL

- Used an internal ticketing system for maintaining internal web applications.
- Created web portal using existing database and infrastructure for accepting/rejecting images for the
- purpose of promotional products.
- Maintained legacy PICK/BASIC applications.

## EDUCATION

**University of Cincinnati**                                    Graduated Spring 2024
Bachelor of Science in Software Development                      GPA: 3.9/4.0

## PROJECTS

**adkinssalvage.com**                                          Spring 2021
Created a new website for Adkins Auto Salvage

**Wellness Check**
Created a new Android app for messaging                          Fall 2021
emergency contacts after a missed wellness check

**MASS Pre Job**
Developed an Android app that leverages templates of a JotForm used for invoices    Spring 2022
within MidAmerica Safety Solutions (MASS)

**LocoQuest**
Worked with a group to create a location-based game in which coins can be            Spring 2023
collected

**Phaser Tanks**                                               Summer 2023
2D top-down tank combat game built using Phaser 3 game engine.

**MASS Clock-In**                                              Winter 2023
Web app clock-in tool built for MidAmerica Safety Solutions (MASS)

**iFlow**                                                      Capstone Project
Designed and built system to remotely monitor and control HVAC damper(s)             Fall 2023 – Spring 2024