JACOB MILLER

iOS & Android Developer | 3+ Years Experience | Focused on Performance, UX & Clean Architecture

DETAILS

Johnsburg, IL, United States

815-219-8394

jmillerdevelops@gmail.com

LINKS

Portfolio Website

LinkedIn

GitHub

iOS SKILLS

Swift

UIKit

SwiftUI

Swift Charts

Core Data

Xcode

CocoaPods

ANDROID SKILLS

Kotlin

Android SDK

Gradle (Android)

Android Studio

DESIGN PATTERNS

MVC

MVVM

ADDITIONAL SKILLS

Firebase

REST API

Git

JSON

HOBBIES

Indie Game Development, Martial Arts, Distance Running, Weight Lifting.

💼 EMPLOYMENT

Amazon Delivery Driver at VA Express LLC (Amazon DSP), Kenosha
February 2024 — Present

- Consistently completed routes on time through efficient time and route management.
- Trained and mentored new hires to improve team performance and onboarding success.

🎓 EDUCATION

McHenry County College, Crystal Lake, IL

- Associates in Mobile App Development (2019–2023)
- Associates in Web Development (2019–2024)
  - Named on the President's Honor List, 2023 Spring Semester.
  - Published App for iOS & Android.

★ EXPERIENCE & PROJECTS

- 17 years of self-taught programming experience, starting with Lua at age 14 and growing through personal projects.

Iron Journal (Published iOS App)
iOS App for Strength Training & Progress Tracking
March 2022 — Present (3 years)

- Built a customizable workout builder with support for custom exercises and goal setting.
- Developed a phase-based UI that guides users through their workouts.
- Engineered workout record tracking and data visualization with Swift Charts featuring toggleable metrics and detailed annotations.
- Implemented Excel-compatible data export and local device data management.
- Engineered a multithreaded Core Data architecture to support complex data operations and maintain a responsive UI.
- Built from scratch with over 500 commits of iterative development & real-world problem-solving.
- Published on the App Store: Iron Journal
- **Tech Stack:** Swift, UIKit, SwiftUI, Swift Charts, Core Data, Firebase, MVVM

Iron Journal Prototype (Published Android App)
Android Workout Tracking App & Iron Journal Prototype
April 2023 — Present (2 years)

- Built and published a native Android fitness app using Kotlin and Android Studio.
- Integrated Firebase for user authentication and real-time database operations.
- Implemented automated rest tracking, workout customization, and goal tracking features.
- Project managed using Agile SCRUM to meet strict deadlines while testing features across Android and iOS versions.
- Published on the Google Play Store: Iron Journal
- **Tech Stack:** Kotlin, LinearLayout, Firebase

iOS Dashboard App (Demo Project)
Designed to demonstrate data visualization and database sharing with different platforms.
September 2024

- Built a SwiftUI demo app to track utility metrics for a fictional electric company.
- Features metric data visualization utilizing Swift Charts.
- Integrated a MySQL database through custom built RESTful API with full CRUD support.
- Designed and deployed the backend, enabling real-time data interaction from the iOS client.
- Shares a database with a web dashboard tracking the same metrics.
- GitHub Project: https://github.com/JMiller7334/iOS-Dashboard-App

- **Tech Stack:** Swift, SwiftUI, Swift Charts, MVVM

API Powered Weather App (Demo Project)
Designed to demonstrate REST integration and MVVM adherence.
August 2023 — October 2023

- Developed a weather app in Android Studio using Kotlin and the MVVM architecture.
- Integrated two RESTful APIs to fetch and display weather data by ZIP code.
- Designed a clean, responsive UI using LinearLayout and live data binding.
- GitHub Project: https://github.com/JMiller7334/API-Powered-Weather-App

- **Tech Stack:** Kotlin, LinearLayout, MVVM