Olivia Davis

Software Engineer

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SUMMARY

A passionate and detail-oriented Software Engineer with 3 years of experience specializing in native iOS development. Proficient in Swift and Objective-C, with a strong focus on building intuitive, high-performance mobile applications. Experienced in collaborating with cross-functional teams to deliver exceptional user experiences from concept to launch on the App Store.

STRENGTHS

Native iOS Development: Deep expertise in the iOS ecosystem, including Swift, SwiftUI, UIKit, and XCode, to build polished and responsive applications.

User Experience Focus: Excels at working with UI/UX designers to translate complex designs into smooth, pixel-perfect user interfaces and animations.

Mobile Performance: Adept at profiling and optimizing application performance, including memory management, network efficiency, and battery life.

API Integration: Skilled in consuming RESTful APIs, handling JSON data, and managing asynchronous operations to connect mobile apps with backend services.

TECHNICAL SKILLS

Languages: Swift, Objective-C, Python, SQL

Frameworks & Platforms: SwiftUI, UIKit, Core Data, Combine, Firebase

Tools & Methodologies: XCode, Git, Agile/Scrum, Unit & UI Testing (XCTest)

Databases: SQLite, Realm, PostgreSQL (for backend understanding)

PROFESSIONAL EXPERIENCE

iOS Engineer | ConnectApp Inc. | July 2022 - Present

- Designs, develops, and maintains a widely-used social networking application for iOS, contributing to features used by millions of users.

- Led the development of a new real-time chat feature using SwiftUI and Combine, resulting in a 30% increase in user-to-user engagement.

- Implemented a robust data persistence layer using Core Data, ensuring offline access and seamless data synchronization.

- Collaborated with backend engineers to define API contracts and ensure efficient data transfer between the mobile client and backend services.

- Wrote comprehensive unit and UI tests, increasing the test coverage of the application to 85% and significantly reducing post-release bugs.

PROJECTS

Recipe Discovery & Meal Planner iOS App: Developed a personal iOS application in Swift that allows users to discover recipes via an API, save favorites, and plan weekly meals. The app features a clean, modern UI built with SwiftUI and persists user data locally.

EDUCATION

Bachelor of Science in Computer Science | University of Southern California | 2018 - 2022