Oliver Ives | iOS Developer

Portfolio: ollyives.com
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Professional Summary

A motivated and multi-skilled iOS Developer with 7 years of professional experience in developing and maintaining high-quality applications, including experience leading development teams. Proficient in the full software lifecycle, from concept and design to testing and deployment, with a strong focus on iOS app development using SwiftUI. Experienced in front-end design, API integration, and embedded systems programming. Adept at working in Agile environments, passionate about continuous learning, and excited to contribute to dynamic teams. With two published apps on the App Store, I have demonstrated ability to deliver and maintain user-friendly iOS applications. Additional details on personal projects and experience can be found in the accompanying portfolio.

Key Experience

- **iOS Development:** Swift, SwiftUI, UIKit, Core Data, Combine, Core Animation, XCTest, UI Testing
- **API Integration:** RESTful APIs, JSON, URLSession, Alamofire
- **Version Control & CI/CD:** Git, GitHub, GitLab, TestFlight, Jenkins
- **Embedded Systems Programming:** C++, Python (relevant for IoT and hardware-related iOS projects)
- **Cloud & Backend Integration:** AWS, Firebase
- **Published Apps:**
    - **MyFood – Inventory Organiser:** Track your expiring food.
    - **ColourVault:** Choose the perfect palette for your chosen iOS device.

Tools & Technologies:

- SwiftUI
- Swift
- UIKit
- Core Data
- Objective C
- HTML
- JavaScript
- ReactJS
- REST APIs
- Docker
- AWS
- Firebase
- Python
- C++
- Git

Career and Experience

Integrel Solutions - Software Engineer (11/2022 - Present)

Focus: Embedded Software & Front-End Application Development for Renewable Energy Systems

- **Key Contributions:**
    - Developed and maintained applications to monitor and control renewable energy systems.
    - Designed and implemented front-end interfaces using SwiftUI and UIKit, enhancing user experience and system reliability for prototyping new applications.
    - Working on embedded software for marine engines, integrating it with applications for real time data visualization and user interaction.
    - Maintained regression test systems for hardware in the loop.

Thales UK - Software and Systems Engineer (09/2017 – 11/2022)

Focus: Mission Planning and Mapping Applications for Aerospace and Defense

- **SFR&D – Digital Innovation Hub:** Enhanced UI/UX for existing applications and initiated new projects, including iOS prototypes.
    - **Key Contributions:** Led a team of 4 developers in implementing new technologies, significantly improving user engagement and system performance. Managed sprint planning and execution, ensuring timely delivery of software features.
- **Chinook – Software and Systems:** Integrated a mission planning application into Chinook Helicopters.
    - **Key Contributions:** Led the design and maintenance for future improvements of mission planning software for the Chinook Helicopter.
- **Airscape – Mission Planning Software**: Contributed to a £50 Million MOD Project for Mission Planning
    - **Key Contributions:** Played a significant role in the development of mission planning tools, ensuring seamless integration with backend systems.
- **Other Contributions:**
    - Led and mentored junior developers, fostering a collaborative team environment and improving overall productivity.
    - Promoted STEM education through iOS app development, MicroBit workshops and programming classes, inspiring the next generation of developers. Organized and led a team of volunteers to expand the reach of these educational initiatives.

Hobbies

- Passionate about developing iOS apps in my spare time, with two successfully published on the App Store.
- Enjoy front-end design work using Figma, implementing these designs into iOS apps.
- Active lifestyle: Surfing, swimming, paddle boarding, gym, and badminton.

Qualifications

Warwick University– Coventry, England

BSc, Digital and Technology Solutions – 2:2

Relevant Courses:

- Smart Solutions Development
- Information Systems for Business Processes
- Agile Project Management
- Software Development Lifecycle
- Data Science and Machine Learning
- Machine Intelligence
- Real Time Operating Systems
- User Experience & Applications Development
- Individual Project – Inventory Management Database and Application

Strode College – Street, England

Level 3 IT BTEC – D*D*D*