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## **Personal Statement**

Passionate and driven iOS developer with over five years of commercial experience. My determined and proactive approach resulted in success of numerous projects that shaped BBC as a corporation. I make it my goal to create software with the user in mind, creating applications with a useable and intuitive user interface experience. I also understand the importance of creating modular, documented and tested code. I am constantly striving to learn new technologies and look to ways to better myself in this rapidly changing industry. After many exciting projects I am currently seeking new challenges which will utilise my meticulous skills.

## **Key Skills**

**Programming:** Swift (5+), Objective C (5+), Ruby (1), Java (4), Kotlin (< 1), JavaScript (3), HTML (4+), PHP (3+), CSS (4), Python (3), C (2), C++ (1), SQL (4+)

**Development Software:** Xcode (up to v11), Android Studio, Git, Jenkins, Test Flight, App Store Connect, Optimizely, HockeyApp

**API/Clients:** UIKit, WebKit, VAPOR, Combine, SwiftUI, CoreML, ARKit, SceneKit

**Platforms:** Mac OSX (5+), Windows (8+), UNIX/Linux (< 1)

**Communication:** Demonstrated oral and written communication skills during many projects, presentations and extracurricular activities.

**Problem Solving:** A systematic and determined approach to problem solving.

**Teamwork:** Played a valuable role as a team member and a team leader during several software projects at BBC, Sky and my degree. Worked efficiently with team members at workplace.

## **Employment History**

### **Software Developer, BBC Digital, 2nd Floor, Dock House, Salford, M50 2LH**

*(March 2018 - Present)*

- Part of a large team responsible for re-architecting the iPlayer code base.
- Oversaw and implemented multiple features that shaped iPlayer as it is today.
- Part of a cross platform team normally lead by Senior Software Engineers to drive programme discoverability.
- Proactive approach to development using TDD.
- Proposed and implemented the use of custom Xcode templates to team's work cycle which created the opportunity to speak at CodeMobile 2019.
- Presented advantages and disadvantages of Static and Dynamic libraries to the team to drive a framework driven initiative.
- Lead the implementation of obituary feature in iPlayer by escalating technical approach with my team.
- Introduced Image Caching in iPlayer where none existed.
- Drove the decision to implement SwiftLint in iPlayer.
- Worked on projects managed under Kanban, Scrum and Sprints with WIP limits.
- Implemented Slack Integration for Jenkins.

### **Software Developer, Sky UK, Sky 2, Leeds, West Yorkshire, LS10 1QG**

*(September 2015 - March 2018)*

- Undertook a major role in developing a stable architecture for Sky's brand new Sky Sports iOS App in Swift using a custom VIPER Design Pattern.
- Worked with MVC, MVVM and VIPER iOS architecture patterns.
- Successfully completed a brand new DE Sky Sport iOS App with an unprecedented level of expectations in performance, stability and accuracy set by the product owners over in Munich.

- Oversaw feature expectation and implementation to produce the DE Sky Sport iOS App.
- Successfully collaborating with Sky Italia and releasing a brand new native iOS application in just 12 weeks.
- Was part of a small group to successfully release a project in Ruby Rails to emulate sky.com.
- Part of many successful hack days such as ARKit, Notification and User Login Flow.
- Prepared and presented multiple talks covering design patterns, CocoaPods dependencies and Core ML.
- Attended multiple iOS Conferences across UK to expand my iOS knowledge and skills.

### **Crew Member, McDonalds, 35 High St, Town Centre, Newport NP20 1GF**

*(July 2012 – August 2015)*

- Worked well in teams under considerable pressure maintaining a high degree of accuracy.
- Established good customer relations.
- Ensured quality control.

### **Assistant, PC Planet, 440 Corporation Road, Newport, NP19 0GG**

*(2012 - 2012)*

- Developed a strong passion to work in the hardware side of this business.
- Opportunity to deepen my knowledge on certain software used in computer repair also to grasp some of the day to day aspects of operating a technology concern.

### **Teacher, Kumon, 1A Lakeside Drive, Celtic Springs, Newport, NP10 8BB**

*(2008 - 2012)*

- Teach and help students in Mathematics and English.
- Developed excellent communication skills by managing issues with student and parents.

## **Education**

### **Cardiff School of Computer Science & Informatics**

*(2012 – 2015)*

Course: BSC Software Engineering (Achieved: First Class)

### **St Joseph's RC High School**

*(2010-2012)*

4 A-Levels: Maths(A), Technology(B), Computing(B), Physics(C)

### **Duffryn High School**

*(2006-2010)*

9 GCSEs Including: Maths, Advanced ICT, Separate Science and English

## **Interest/Achievements**

### **Reading Materials**

The Verge, iOS Dev Weekly, Medium/iOS App Development, CocoaCasts

### **Conferences**

iOSCon 2017, iOSDevUK 2017, Spoke at CodeMobile 2019, iOSDevUK 2019

### **Learning Guitar**

Challenging as I have little natural musical ability.

### **Air Cadet: 2 hours of flying Group Tutor and Vigilant**

Learned discipline, navigational skills, attendance, flying skills and shooting skills

### **Duke of Edinburgh Bronze Award**

Selected to be the team leader for navigation and group organisation. Involved problem solving and developed a sense of responsibility.

## **References**

References are available upon request.