WILLIAM DUPONT

JUNIOR SOFTWARE ENGINEER

Belfast, United Kingdom | +44 7306 584317 | williamd.contact@gmail.com | linkedin.com/in/williamdupont

**PROFESSIONAL PROFILE**

I am a dedicated, organized, and diligent software engineer with over 1 year of experience.

Specialised in mobile software development, I have worked on both native and cross-platform systems.

I am experienced in the complete software lifecycle and have often played a key role at its different stages: meeting with key stakeholders, identifying project requirements and specifications, designing and prototyping, contributing to the production and delivery of software, bug fixing, testing.

I seek to apply and expand my knowledge and skills towards working in a collaborative environment to develop quality software solutions.

**WORK EXPERIENCE**

MOBILE SOFTWARE ENGINEER Sentireal | Belfast, United Kingdom | Oct 2021 - Sep 2022

Sentireal is a start-up company developing bespoke software systems aimed at enhancing learning outcomes via the use of Augmented Reality and Virtual Reality technologies. As a mobile software engineer for Sentireal, I was tasked not only with technical work but also client facing challenges. As such, some of my key responsibilities included:

* Meeting with key clients to identify project requirements and specifications
* Designing and prototyping a bespoke software solution with **Figma** to ensure good user experience
* Writing epics and user stories for the projects I was assigned to using Atlassian’s **Jira**, following agile principles
* Architecting and developing the agreed upon prototype from the ground up using appropriate **state management** solutions
* Use of **Flutter** for the development of cross-platform applications, **Swift** and the **SwiftUI** framework for native **iOS** applications
* Use of the **MVVM** and **MVC design patterns** in order to decouple business logic code from UI code
* Testing and bug fixing the developed software
* Use of appropriate version control techniques with Git
* Use of **AWS** for backend needs such as **Cognito** for authentication, **DynamoDB** for data persistence and exposure to **Lambda**

FRENCH TEACHERASSISTANT Academie Lafayette | Kansas City, Missouri, USA | Jul 2017 – Jun 2018

The Academie Lafayette is a French immersion primary school located in the Missourian part of Kansas City, USA. As an assistant, I was teaching and helping my senior teach our native language to American children in kindergarten. Some of my responsibilities included:

* Preparing classrooms and class modules in French, as well as planning course of action
* Tailoring lessons to students needs as well as preparing private lessons for students that would stay after school hours
* Teaching literature to older students at high school level twice a month

**EDUCATION**

MSc Software Development Queen’s University Belfast | Belfast, United Kingdom | 2020 - 2021

Masters 1 of English History, Linguistics & Arts Paris Diderot University | Paris, France | 2018 – 2019

Bachelor’s Degree of English History, Linguistics & Arts Paris-Est Gustave Eiffel University | Paris, France | 2014 - 2017

**SKILLS**

* Swift, SwiftUI
* AWS Cognito, DynamoDB
* SQL, NoSQL database
* Flutter, Dart
* Jira, Confluence
* Exposure to React, TypeScript
* Figma
* GitHub, Bitbucket
* Mobile & web development