

Experience

Sky UK, London | Software Engineer | 10.2024 – Present

- Application development using **C# .Net Core** and **Java Springboot**
- Writing and maintaining unit, functional, non-functional, and integration tests
- Upkeep of application pipelines using a combination of **Jenkins** and **Kubernetes**
- Software support for projects owned by the team, investigation of an Oracle database using **SQL**

Marmalade Game Studio, London | Game Programmer | 09.2023 – 03.2024

- Lead development of a DLC project, creation of timelines and estimates, management of team members
- Rapid familiarisation and contribution to many projects, including **Unity** games and **C#** tools projects
- Exposure to development for Steam, Xbox One and One S, PS4, PS5, and Mobile

Live Tech Games, London | Game Developer | 05.2022 – 08.2023

- Development of the **Unity C#** product
- Ownership of internal tooling to quickly build and test prototypes, including networked multiplayer
- Automation of the product to enable high-volume load testing
- Technical art development using **HLSL** shaders
- Tools development using **Unity**, **Node**, and **Bash** scripting
- Integration of analytics, CRM, and attribution 3rd parties
- Maintenance of **Firebase** configuration relating to hosting and dynamic links
- Organisation of an internal game jam and other social events

Fortress GB, London | Full Stack Developer | 08.2019 – 10.2021

- Ownership of several applications consisting **C# .NET Core** APIs with **Angular** front-ends
- Ownership of several **NuGet** and **npm** packages
- Ownership of a printing service, including **SignalR** messaging, a **WPF** GUI and **Entity Framework Core** data layer
- Management of projects and delegation of work, including code reviews and peer programming
- Involved in hiring processes - interviewing, setting and marking technical assignments
- Creation and maintenance of **Azure pipelines**
- Maintenance of an **MSSQL** database

Crest Software Ltd., Christchurch | Software Developer | 09.2017 – 07.2019

- Development of an **ASP.NET** web application
- Maintenance of an **MSSQL** database
- Ownership of an automated testing suite built using **Selenium**
- Major rebuild of a C++ **Excel Add-In** into C#
- Rebuild of a **WinForms** licensing program
- Exposure to Test Driven Development using **NUnit** and **XUnit**

Education

Level 3 Software Technician Apprenticeship

Merit | Bournemouth and Poole College | 2017 - 2019

BA Economics

2:1 with Honours | University of Exeter | 2014 - 2017

Interests

- Video Games - PC & Switch
- Sports - I play football, golf, and squash
- Music, especially live music events and festivals
- Film and TV
- Reading