

Mário Fernandes

Software Engineer

Bournemouth, UK
+44 7586 119485
ask.mariofernandes@gmail.com
linkedin.com/in/mariorcfernandes
mariofernandes.co.uk

Employment History

Software Engineer

Bridgeworks Ltd | Dec 2022 – present

- Collaborated on the maintenance of web applications using JavaScript, Lua, HTML, and CSS.
- Executed detailed network analysis, identifying performance and stability issues in WAN connections.
- Collaborated within a small team to migrate our products to Docker including the support of both host and bridge network modes.
- Developed and tested code in C, Bash, and other relevant programming languages.
- Worked with Fibre Channel and iSCSI hardware, including setup, configuration, testing, and performance tuning.

Education

BSc (Hons) Computer Games (Software Development)

Solent University | 2018 – 2021

Grade: First Class of Honour

- At Solent University I learnt skills relevant to software development from the ground up, with a focus on C++ and C#.
- Throughout these years I have created many projects for assignments using various API's such as DirectX11, SDL, PlayStation 4 SDK, Unity3D, Unreal and Wwise.

Achievements

EdX - IBM Professional Certificate in Cloud and Application Development Foundations

During a 4-month period, I deepen my knowledge in web development, this course gave me the fundamentals to work from front to back end using basic technologies like HTML5, CSS and JavaScript, to a bit more complex ones like React, Node.js and much more, all in the context of developing cloud applications.

Binger Ninja – Digital Sushi

Binger Ninja was created by me and my class of 17 students as a team, during the Covid-19 pandemic, throughout this entire process we could only communicate online. In this project, I had the opportunity to fill a lot of roles like Gameplay Programmer, Platform Programmer, QA, Optimization and Programming Lead.

The game can be found on Steam:

https://store.steampowered.com/app/1557300/Binger_Ninja/

Technical Skills

Programming:

- C, C++
- JavaScript
- Bash

Networking:

- TCP/IP
- LAN/WAN
- WANulator
- Wireshark

Tools:

- Git
- Docker
- ESXi
- Proxmox
- Games Engine – Unity

Interests

Music
Games
Coffee

Languages

English – Professional
Portugues – Native