

Jonathan Ruffles

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PROFILE

Enthusiastic, hard-working and time-efficient individual with an interest in web and game development. Proven ability to create full-stack web applications and libraries, using industry standard design patterns and testing. Ability to adapt quickly and learn new technologies when required. Proficient in C#.

WORK EXPERIENCE

Software Engineering Intern - Team Linterna

07/2024 – 09/2024

RedGate Software 

Cambridge, UK

- Single-handedly upgraded the company-wide product release system from .NET 4.8 to .NET 8
- Refactored legacy code in the main Redgate website as part of a sprint
- Planned and undertook a bi-weekly themed retrospective meeting of our team's sprint
- Created, commented on and merged pull requests in major core repositories
- Took part in a knowledge-sharing presentation, called a Lightning Talk

Junior Software Developer

07/2023 – 04/2024

IBD Registry 

London, UK

- Deploying and maintaining both Windows and Linux servers
- Designing, writing and testing a scalable ETL application using .NET, transforming clinical data inputs for analytical purposes.
- Demonstrating use of Terraform to deploy internal company resources to Microsoft Azure
- Analysing and deploying the relevant measures to avoid unauthorized access to patient-identifiable data.

Fusion Karts Unity Game

Remote


Exit Games GmbH

- A Unity game based off the popular game franchise 'Mario Karts'
- Created an **official Fusion multiplayer game sample** to be used as a foundation and reference point for Fusion product customers
- **Worked as a team of 3** to communicate with and meet the client's needs in a timely manner
- Lead the implementation of a multiplayer solution to an existing singleplayer game through refactoring

EDUCATION

Software Engineering with Placement Year (BEng)

09/2021 – Present


University of Sheffield 

Sheffield, UK

- First Year Overall Result [2:1]
 - INTRODUCTION TO SOFTWARE ENGINEERING [1:1]
 - FOUNDATIONS OF COMPUTER SCIENCE [2:2]
 - JAVA PROGRAMMING [1:1]
 - WEB AND INTERNET TECHNOLOGY [2:1]
 - GLOBAL ENGINEERING CHALLENGE [Distinction]

A Levels

09/2019 – 07/2021

Farlingaye 6th Form 

Woodbridge, UK

- Business [Distinction*], Computer Science [B], Mathematics [A]

GCSEs

09/2014 – 06/2019

Bourne Academy 

Bourne, UK

- Business [D*2], ICT Level 2 [A], English Literature & Languages [5 & 6], Creative Media [D2], Combined Science [A* & A*], Mathematics [7], Geography [7]

AWARDS

GEC Prize for Best Overall Solution

23/03/2022

University of Sheffield

Developed a solution to improve Remote Connectivity in Cape York, which we presented to a Vodaphone Professor in Electrical Engineering.

GEC Professional Behaviours Team Award

23/03/2022

University of Sheffield

2022-23 Software Hut Prize (Client)

University of Sheffield

This prize is awarded once annually in recognition of software development for a real-world client. Students compete, in teams, to develop the most effective software, following an agile development process in close collaboration with their client. This student was a member of a winning team, as deemed by the team's client.

PROJECTS

Grattify.io [↗](#)

03/2023 – 10/2023

Similar to BeReal.com, but for something you're grateful for today.

- Demonstrates experience with **Next.js**, **Tailwind**, **Supabase**, **Vercel**.
- Demonstrates use of **CI/CD pipelines** to build and deploy
- Demonstrates implementation of **user authentication** and **file uploading**.

BscScanner [↗](#)

06/2021 – 03/2022

11,600 installs

- Demonstrates use of **pushing packages to NuGet**
- Demonstrates use of **unit testing** to automatically detect issues
- Multi-project management (see **BscScanner.Extensions.DependencyInjection** [↗](#) and **BscScanner.Extensions.Convert** [↗](#))

Illusive [↗](#)

10/2020 – 12/2021

Forum-style web application with REST API

- Demonstrates use of front-end tools such as **CSS** libraries (**Bootstrap**), **JavaScript** libraries (**AJAX**)
- Demonstrates use of back-end tools such as **.NET ASP.NET Core**, **MongoDB** and
- Demonstrates use of **deploying to the cloud (Azure/AWS/DigitalOcean)**

GetChain [↗](#)

06/2021 – 10/2021

A blockchain data API that aggregates Binance Smart Chain, Ethereum, Ropsten and more chains to a single API root

- Demonstrates use of **external Web-API** endpoints
- Demonstrates use of **asynchronous programming**, **CI/CD pipelines** and **Dependency Injection**

SKILLS

.NET Environment (C#)

Helios, GetChain, BscScanner

HTML, CSS, JavaScript

React/Next.js

Microsoft Office

Excel, Word, Access, PowerPoint

Visual Studio/Jetbrains

VSCode, Studio, Rider, IDEA

Python

Gyazo Image Scanner

Git/GitHub

DNS/Web Infrastructure

CloudFlare, Google Domains, SSL

Terraform, Golang

Writing and testing IaC (Azure)