

Aaron Barratt

FULL STACK DEVELOPER

Profile

As a Full Stack Developer, I possess a strong background in all stages of the software development life cycle. My diverse skill set includes proficiency in several technologies such as Python, SQL, JavaScript, and MongoDB.

In my free time, I enjoy working on personal coding projects, such as developing my own website, creating small games in Unity, and creating tools using Python. I am also actively pursuing further education in Rust to expand my skill set and stay up-to-date with the latest industry trends.

Overall, my passion for software development and dedication to continuous learning allow me to thrive in dynamic and challenging environments.

Employment History

Technical Engineer, UserTesting, Manchester

JANUARY 2021 – PRESENT

- Refactored the ETL code base. Saving over 16 hours of run time per week.
- Collaborate with the development team by debugging and fixing bugs.
- Develop ad hoc Python and JavaScript (Node.js) scripts.
- Work with SQL, Mango and Redis databases.

Database Administrator, Welcome Break, Milton Keynes

DECEMBER 2019 – DECEMBER 2020

- Developed storage strategies and disaster recovery plans for critical servers.
- Performed optimisation and query tuning for key query in the ETL process.
- Implemented Power Bi. Enabling self-service data access to end users.
- Collaborated finance teams to create custom sales and auditing reports.
- Administered two data warehouses and over 50 large SQL servers.

Professional Services Engineer, Agilico Software, Northampton

SEPTEMBER 2018 – DECEMBER 2019

- Developed custom optical recognition processing solutions using C#.
- Implemented a £100,000+ invoice processing automation solution.
- Utilised excellent time and project management skills.
- Oversaw project from scoping to delivery.

Technical Support Engineer, Agilico Software, Northampton

MAY 2017 – SEPTEMBER 2018

- Provided excellent third line support to over 1,800 customers across the UK.
- Researched, piloted and implemented Zendesk into the business.
- Saving countless man hours and improving customer satisfaction.
- Thoroughly document technical issues and solutions.

Courses

Administering Microsoft SQL Server Databases, QA

FEBRUARY 2020 – FEBRUARY 2020

Microsoft SQL Server 2016 Certification (70-761), Microsoft

MAY 2019 – JULY 2019

Details

Northampton

United Kingdom

07986746638

aaronbarratt@gmail.com

Links

aaronbarratt.dev

[LinkedIn](#)

[GitHub](#)

Skills

SQL

Python

JavaScript

Rust

Education

Computer Games Programming (Hons), University of Northampton, Northampton

SEPTEMBER 2014 — MAY 2017

I achieved a 2:1.

- Developed video games using C# and C++ in Unity and Unreal Engine.
- Created mobile applications using Swift and Java for iOS and Android.
- Designed database architecture using SQL Server.
- Created 3D graphics using OpenGL with C++.

Creative Media, Northampton College, Northampton

2012 — 2014

I achieved DDM as well as winning first place for best Single Camera Drama.

- Planned, filmed and edited a short film, winning first place.
- Video editing using Adobe Premiere and Final Cut Pro.
- Crafted 3D models using Autodesk Maya and Blender.
- Created websites using HTML, CSS and JavaScript.
- Photo editing using Adobe Photoshop,

GCSE, Thomas Becket Catholic School

2007 — 2012

Science: B

English: B

Maths: C