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, JavaScript (React/Vue/Svelte), Go, SQL, and Mongo DB.

Employment History

Full Stack Developer, Dentsu, London

JULY 2023 — PRESENT

- Implemented role based authentication for an upcoming PR SaaS platform
- Introduced CI/DI and code reviews within the Innovation team.
- Recovered and refactored a Vue/Flask/MongoDB project.
- Developed back-end tooling with Python and FastAPI.
- Implemented a Responsive Design UI/UX experiences.

T3 Support Engineer, UserZoom, Manchester

JANUARY 2021 — JULY 2023

- 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.

Details

London
United Kingdom
aarontbarratt@gmail.com

Links

GitHub

LinkedIn

aaronbarratt.dev

Skills

Python

SQL

JavaScript

Go

Languages

English

Mandarin Chinese

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,

Courses

Basics of Go, Frontend Masters

SEPTEMBER 2023 — AUGUST 2023

Complete Intro to React, Frontend Masters

AUGUST 2023 — SEPTEMBER 2023

Administering Microsoft SQL Server Databases, QA

FEBRUARY 2020 — FEBRUARY 2020

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

MAY 2019 — JULY 2019