

Aaron Horrell

aaronhorrell@hotmail.co.uk | aaronhorrell.co.uk | github.com/aaronhorrell

Skills

Programming Languages: Javascript, Typescript, NodeJs, C#, .NET, SQL / T-SQL, C++

Software Development Tools: Visual Studio Code, Visual Studio, SSMS, SST

AWS : EC2, S3, Route53, Lambda, ApiGateway, Cognito, CloudWatch

Geospatial Tools: OpenStreetMaps, Bing Maps, Nominatim, OpenRouteService

Version Control: Git (Azure DevOps, Github)

Experience

Software Engineer, Givenergy – Hybrid

Apr 2025 – Present

- Built and deployed a backend data process to transform a raw data stream to serve a user dashboard
- Designed improvements to a mobile applications backend
- Improving existing services within a large company wide monorepo
- Collaborated with other teams to develop services to be used company wide

Software Engineer, Mapcite – Remote

Apr 2018 – Apr 2025

- Developed and maintained an Excel add-in for geospatial data processing
- Architected, developed, and deployed websites and services focused on geospatial data analytics
- Leading development and maintenance of software solutions
- Developed backend and frontend services on dedicated servers (linux & windows) as well as in AWS Cloud
- Worked with the product team to identify business requirements and create functional specifications to build new products and / or to implement new features
- Created Azure devops pipelines, to automate deployment of products
- Improving system performance and troubleshooting technical issues using IDE's debuggers and AWS CloudWatch and Metrics
- Integrated Stripe payment into account management websites.
- Managed multiple regular data processing workflows
- Led data renovation and enrichment projects for high profile customers to improve data integrity and to refine it into useful information, utilizing SQL and MongoDB
- Provided both technical and customer support to troubleshoot issues and improve product stability

Software Developer, SillyGoatHolds – Remote

2020 – Present

- Created an e-commerce website to streamline online sales
- Provided website/store management services, live support and system maintenance
- Migrated the existing store into a Shopify
- Managed product listings, site updates, and user experience improvements
- Implemented payment gateways and optimized site performance

Junior Developer, Mapcite – Hybrid

Jun 2017 – Apr 2018

- Maintained a legacy codebase and implemented a new registration system
- Worked with the team on a data renovation project to improve data integrity and enrich the information produced
- Assisted in the development and debugging

Education

Lancaster University – Honours Degree in Software Engineering & Game Development (Upper second class)

2016 - 2017

Lancaster University – Foundation Degree in Software Engineering & Game Development (Commendation)

2014 - 2016

Tresham College – Level 3 BTEC in IT (Distinction Merit)

2012 - 2014

Volunteering

Scouts (Assistant Cub Scout Leader) – Various Scout groups in Rushden

2017 - 2022

First aid certificate with Paediatric First Aid – Level 3

2018 - 2024

- Planned a varied and fun program of activities for both weekly meetings and camping trips.
- Led and managed groups in activities working towards badge goals, including archery, knot skills and orienteering

Hobbies

Rock Climbing, Running, Hiking, Home Automation and Self hosting