**Ashley Gibson**

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**Personal Statement**

Boredom is my worst nightmare; I am hungry for a challenge and I am ready to integrate with a fast-paced industry disruptor. I love working with the latest tech and I never shy away from learning something new.  
Website: [**www.ashley-gibson.co.uk**](http://www.ashley-gibson.co.uk)  
GitHub: [**www.github.com/Ashley-Gibson**](http://www.github.com/Ashley-Gibson)

**Work Experience**

[**ASOS**](https://www.asos.com/) **~ Senior Software Engineer ~ Dec 2023 - Present**[**ASOS**](https://www.asos.com/) **~ Software Engineer ~ Nov 2020 – Dec 2023**

* Designed, developed, tested and maintained in-house C# .NET Web Applications using WebAPI/Blazor/MVC to improve efficiency in Supply Chain and Warehousing utilising Azure Cloud Computing with Docker containers
* Led teams of contractors in the full SDLC of our projects including Pull Requests, delegating development tasks and assisting with support - I get stuck into Project Management when necessary
* Provisioned Azure Resources such as App Services, Function Apps, Key Vaults, App Insights, SQL Servers and Databases using ARM Templates and Bicep
* Securely built API's using WebAPI and MediatR for developing internal endpoints
* Implemented CQRS using MediatR
* Unit Tested using NUnit/xUnit and Moq/NSubstitute for Microservices and Database mocking
* Created and managed SQL Databases using Indexes, Functions and Stored Procedures and testing using tSQLt including the use of Dapper as an ORM to integrate with .NET Applications
* Managed Azure DevOps for CI/CD Pipelines (using YAML), Source Control and Project Management
* Developed using DDD, TDD and SOLID principles as a standard

[**Arthur J Gallagher Insurance**](https://www.ajg.com/uk/) **~ Digital Developer ~ Nov 2019 – Nov 2020**

* Designed, developed, tested and maintained C# .NET/MVC CMS Websites and Web Applications (HTML/JavaScript/CSS/SASS) predominantly using Sitecore and adhering to SOLID principles
* Technology Innovation Lead – investigating and implementing new tools and processes across the business
* Jenkins and Azure Pipelines for Continuous Integration and Deployment
* Microsoft SQL Server Management Studio for database management
* Worked in, and occasionally managed, a disciplined Agile development strategy
* Adhered to global, Government-standard security measures for IT Systems

[**QUBA Digital**](https://www.quba.co.uk/) **~ Junior Developer ~ Mar 2019 – Nov 2019**

* Designed, developed, tested and maintained C# .NET/MVC CMS Websites and Web Applications (HTML/JavaScript/CSS/SASS) predominantly using Kentico and Sitefinity
* SharePoint, Jira and Confluence for documentation and project management
* TeamCity for Continuous Integration and deployment
* GULP, GRUNT and Web Compiler for styling and scripting minification
* Microsoft SQL Server Management Studio for database management

[**Miller Solutions**](https://www.millersolutions.co.uk/) **~ Software Developer ~ Oct 2018 - Mar 2019**

* Designed, developed, tested and maintained C# .NET Core Web Applications, WordPress websites and NOPCommerce websites
* Microsoft SQL Server Database management, Searchlight server maintenance, Dynamics 365 CRM ticketing
* Produced Release Notes, Bug Logs and other documentation records for both End Users and internal developers
* Visual Studio Team Foundation Server Source Control and Visual Studio Online DevOps

**Technical Skills & Achievements  
*Programming experience:*** *C# .NET, T-SQL, YAML, Bicep/ARM, C++, JavaScript, HTML, CSS, PHP and Python.*

**Sole Engineer of a critical Inbound Stock system for ASOS**  
**Role**: Software Engineer at ASOS  
**Skills**: Independent full SDLC experience

* Designed, developed, tested and maintained an Inbound Stock system for ASOS to fulfil our new Warehouse
* This system calculated daily stock movements for more than 17 million units between several Warehouses
* Developed this system over the course of 6 months liaising with other teams to integrate data in and out for a strict business deadline
* Worked with Architects, Business Analysts and QAs to single-handedly deliver a Supply Chain critical system

**Technology Certifications**  
**Role**: Software Engineer  
**Skills**: Adaptability, innovation and agile development

* Currently studying for Microsoft Azure certifications to enhance my knowledge of Cloud Computing
* Passed a Kentico Cloud Developer exam proving my competence with the Kentico Cloud technology
* Passed a ThingWorx Associate Developer exam proving my competence as a ThingWorx developer

**University Final Year Project**  
**Role:** Independent project: Exploring the use of IoT Devices in Games  
**Skills:** Python, project management, independence, research and hardware configuration

* Produced a 2D puzzle game using a Raspberry Pi and input devices – Rotary Encoder, Accelerometer and Arcade Buttons – giving me a First Class Grade
* Coded in Python to transmit, extract and manipulate input hardware data for use in a game environment
* Integrated complex mathematical algorithms for translating input data and transforming graphical objects

**Education**

**Sheffield Hallam University ~ BSc Computer Science for Games: First Class Honours**

**4 A levels, 1 AS level (Netherthorpe School Sixth Form)**Computing (D) Geography (C) Mathematics (E) General Studies (D) AS Level History (E)

**8 GCSEs (Netherthorpe School)**Maths (A) English (A) OCR Level 2 National First Award ICT (Distinction) OCR Level 2 National Award ICT: (Distinction)

**Year 2**Object-oriented Programming  
Programming for Games  
Software-Hardware Optimisation Techniques  
Mathematics for Modelling and Rendering  
Professional Development Project  
Web Application Development

**Year 3**  
Project: **Exploring the use of IoT devices in games (Python)**3D Games Prototyping  
Real-Time 3D Techniques for Games  
Game Software Project Management  
Mobile Applications

**Interests**

* IT Volunteer at [**Ashgate Hospicecare**](https://www.ashgatehospicecare.org.uk/)
* Programming portfolio: [**www.ashley-gibson.co.uk/portfolio.html**](http://www.ashley-gibson.co.uk/portfolio.html)
* Sheffield Hallam University Table Tennis Club – Former Chairman/Captain, Goalkeeper and Badminton player
* Led adventure camping trips for kids at Summer Camp in New Jersey, USA in 2018