

Jake Howden

SOFTWARE ENGINEER · CLOUD .NET ENGINEER

Cardiff, South Wales

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"A dedicated cloud.NET engineer with over 7 years of industry experience. I possess a track record of successfully developing, and deploying multiple microservices projects."

Technical Skills

Programming C# .NET, CosmosDB, DynamoDB, TDD, Kafka, SQS/SNS, ServiceBus

Architecture Cloud, Microservices, Event Driven

DevOps Terraform, Helm Charts, Serverless, CI/CD

Cloud AWS, Azure, Serverless, Kubernetes, Docker

Experience

Just Eat Takeaway

Bristol, United Kingdom

09/2024–Present

SOFTWARE ENGINEER

- Engineered and architected a system which generated €243 million in revenue.
- Migrated legacy services from EC2 to Kubernetes, reducing operational costs by 30%
- Brighter implementation, reduced duplicated code across all microservices.
- Created E2E tests and integrated them into our CI/CD pipelines to improve reliability of services.
- Championed initiatives to bring value to our product to improve agent and partner efficiency. (discounts/bulk upload)
- Mentored senior developers moving to .NET and provided guidance on best practices.

Ensono

Remote, United Kingdom

04/2022–07/2024

SOFTWARE CONSULTANT

- Successfully delivered a microservices project for a specialty retailer in the UK, overhauling their buying and merchandising system. This £5 million project involved cross-functional teams collaborating seamlessly.
- Utilized a robust CI/CD pipeline to ensure a reliable deployment to a Kubernetes cluster.
- Helped undertake a £1.2 million venture to reconstruct the admissions and finance communications systems for a London-based university.
- This greenfield project built a microservices architecture exclusively utilizing Azure Functions and Azure Service Bus.
- Adopted a TDD approach, using automated testing, to deliver a stable product.

Tytonical

Remote, United Kingdom

06/2020–04/2022

BACKEND DEVELOPER

- Led end-to-end project development, including backend web APIs and full-stack applications.
- Researched, prioritizing scalability and high availability, and deployed applications on AWS ECS cluster.
- Fostered collaborations with partner companies, ensuring seamless integration.
- Guided a small group of interns as a team lead, teaching them programming skills through structured sessions and hands-on projects.

Newpark Solutions

Bristol, United Kingdom

01/2019–06/2020

APP MANAGER

- Launched a full redesign of the parking payment app.
- Led a small team, overseeing customer support and quality assurance departments.
- Maintained the backend web services while developing new functionality for incoming clients.
- Improved the app store rating from 1.5-2 to 4+.

Newpark Solutions

Bristol, United Kingdom

06/2018–01/2019

SOFTWARE ENGINEER

- Successfully integrated with a brand-new payment service provider for in-app payments.
- Built many new backend services, including an automated payment system that created an effortless parking experience.
- Collaborated closely with front-end developers to ensure seamless integration between backend services and mobile applications.
- Optimized database queries, resulting in a 20%

Education

University of South Wales

BSC (HONS) COMPUTER GAMES DEVELOPMENT

First-Class Honours

09/2015-06/2018

Soft Skills

Communication

Communication works both ways, I enjoy listening to others share their expertise while also being able to share my own.

Time Management

I can prioritize new tasks while managing existing goals allowing me to complete my work on time.

Problem-solving

Problem-solving is the core of any development, I thrive when tackling any new challenge.

Accountability

I am always ready to take ownership of any mistake, learn from them, and get to fixing them quickly.