



Glen Thomas

glen-thomas.com glen.thomas@outlook.com

PROFILE

A full stack .NET developer with a passion for delivering cutting-edge software solutions that make a difference. I currently work for Moonpig in London, a leading online greetings card and gifting service, where I am working on a large replatforming project using the latest cloud technologies.

EXPERIENCE

Moonpig, London – *Senior Engineer*

DECEMBER 2018 – PRESENT

At Moonpig my role is focused on platform engineering as I build the tools for other engineers to replace an aged web application with modern front and back end technologies running on highly scalable and cost effective serverless compute power. Everything is being rebuilt from the ground up as we transition into the new platform. Self-hosted CI/CD tools are replaced with self-service GitLab pipelines and deployments run reliably using Terraform infrastructure as code. As part of a small team I play a leading role in helping to architect a new solution that will power Moonpig for years to come.

Asos, London – *Software Engineer*

OCTOBER 2017 – DECEMBER 2018

At ASOS.com I was part of the ecommerce development team working on high throughput, low latency back-end web services that are core to the ASOS platform. The technology stack is very loyal to Microsoft Azure and the .NET Framework, with a globally distributed microservices architecture connected by REST APIs and Azure Service Bus. High availability, fast performance and strong resilience are essential requirements to keep the business running during peak sale periods and fend off cyber-attacks. As a software engineer I developed solutions using a Kanban methodology with a test-first approach, using fully automated pipelines built on TeamCity and Octopus deploy.

BGC Partners, London – *Senior Software Developer*

JANUARY 2017 – OCTOBER 2017

As a Software Developer at Sunrise Brokers, I was responsible for building the next generation equity derivatives broking platform for order management. The applications are mission critical and MiFID II compliant, built on the latest technologies, catering for high performance requirements. The existing desktop application, built on WPF, WinForms, WCF and SQL, needed replacing with an AWS cloud hosted web client using HTML5, React, .NET Core WebAPI microservices, CQRS and Apache Kafka as an event sourced data store.

Betway, London – *Senior Software Developer*

FEBRUARY 2015 – January 2017

Responsible for developing and maintaining in-house customer management applications using a range of technologies. Primarily, this involves WPF development in C#.NET, across all layers of the applications, from presentation to data access. It also involves heavy service

development for both internally created and maintained services and integration with external third party APIs and a service-oriented architecture with RabbitMQ messaging. Working in an agile methodology, development cycles are short and deadlines are strict, allowing the business to receive important updates in a timely manner.

EDUCATION

University of Brighton – *BSc Computer Science*

2003 – 2008

Long Road 6th Form College, Cambridge – *Computing, Maths, Physics, Electronics A-levels*

2001 – 2003

KEY SKILLS

- .NET, C#, ASP.NET, WebAPI, WPF, WCF
- SQL databases
- HTML, CSS, JavaScript, TypeScript, NodeJS
- Build and deployment automation using TeamCity, Octopus Deploy, GitLab, GitHub.
- Cloud hosted services using Microsoft Azure and AWS
- Agile software development process management.
- Test driven development using NUnit, /XUnit, Moq/NSubstitute, NCrunch, Jest, SpecFlow, Cucumber.
- Reliable messaging systems with RabbitMQ, Apache Kafka, Azure Service Bus, AWS SQS.
- Building web APIs (REST, GraphQL and SOAP) and Windows services.
- Enterprise systems architecture design (DDD, SOA, Microservices)