

GEORGE FEIGHAN

Senior Software Engineer

@hello@feighan.dev

📞 07834 221208

📍 Bristol

🌐 feighan.dev

🌐 linkedin.com/in/george-feighan

PROFILE

I am a full stack C# .NET software engineer with over 8 years experience using both front and back end technologies as well as Azure, AWS and AI. I have worked on both internal and external software across a range of industries and company sizes, from large international companies to startups, as well as experience contracting. I am highly analytical and adept at understanding and delivering upon requirements efficiently, having also taken on roles as a technical BA/PM in addition to my extensive development experience.

TECHNICAL SKILLS

C# SQL React HTML CSS JavaScript Azure AWS .NET ASP.NET MVC Entity Framework

API Development Blazor Git CI/CD AI Docker PowerBI SEO CMS Python (Some)

Software Development Data Analysis Technical Documentation Requirements Gathering Wireframing

Unit & Integration Testing Financial Analysis DevOps AI Integration

EXPERIENCE

Senior Software Engineer

Bunch

📅 August 2024 – Present

- Currently working at a startup/scaleup, providing a single payment and platform for customer bills.
- Tech stack includes C# microservices, ReactJS, AWS, PostgreSQL and Zoho as a CRM.
- Involved in customer usability changes to the frontend, new functionality to manage debt plans, migrating a word-press site onto AWS from another provider as well as providing BAU development support for the 10,000+ households we supply.

Senior Software Engineer (Contract)

AllPay

📅 June 2024 – August 2024

- Quickly familiarised myself with a large payment services provider codebase, working alongside other developers, testers, cloud architects and infrastructure engineers to immediately begin delivering upon work items.
- Implemented changes to a Blazor website, worked on moving a platform from Azure Service Fabric into a containerised Web API and extended the functionality of an email service using C# .NET, Azure Service Bus, APIM, MS SQL, ADO.NET and Redis Cache as well as writing unit tests using NUnit.

Senior Software Developer & Head of Tech Operations

Narafy

📅 May 2023 – May 2024

- Responsible for all areas of technology for the business, across both front and back end development.
- Built the website using ASP.NET Core and ReactJS, using microservice architecture with Azure functions, Cosmos DB and a headless CMS (Contentful) for a blog.
- Implemented SEO practices, optimising search rankings with Google Analytics/MS Clarity and creating PowerBI dashboards to track analytics.
- User authentication with Azure AD B2C including use of custom policies to authorise access to the website and APIs.
- Developed highly efficient API microservice architecture using Azure to handle data syncing between cloud and user devices with Signal R events, email sending, Stripe payments and analytics tracking for use in Power BI.

- Implemented advanced RAG AI search functionality using Open AI and vector indexes, enabling users to ask context specific questions about their notes, auto complete sentences and generate new content.
 - Set up CI/CD pipelines using Azure Devops to deploy all app services, functions and custom NuGet packages.
 - Created comprehensive unit and integration tests with XUnit.
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Software Developer

PwC - Deals Technology

📅 July 2021 – May 2023 (Manager Grade)

- I was responsible for technical development for the Valuations practice and involved in the full development life cycle, from requirements gathering with the business, development, deployments and running training sessions with users.
- Worked as part of a team to develop multiple financial analysis platforms built with ASP.NET MVC, ReactJS, Entity Framework and ADO.NET with SQL hosted on Azure with deployments via DevOps CI/CD pipelines.
- Calculation of discount rates, trading multiples, bond rates and volatility scores for companies.
- Took ownership of the platform and developed new tools and features as well as providing BAU support, saving thousands of client facing hours and generating over £1m in revenue per year.
- I was the go to SME on the S&P Capital IQ API (large financial data API) for the Deals line of service and helped enable other developers across the Deals make use of it in their projects, from corporate finance to forensics.
- Worked in a technical BA capacity on other projects including using Gazette data to help business restructuring teams win work and providing technical guidance on a carbon valuation project.
- I was the career coach to a junior software developer, helping them develop their technical and business skills.

📅 July 2018 - July 2021 (Senior Associate Grade)

- Hired as the first software developer within the Valuations team, working highly independently in a newly created technology team alongside two senior accountants.
 - Developed tools using ASP.NET MVC, Entity Framework and SQL, hosted on Azure, to automate the process of creating purchase price allocation (PPA) reports and identify comparable companies by utilising business data.
 - Worked with end users to create training materials, gather feedback and deliver presentations to large audiences.
 - Success in this role helped the Valuations technology team grow significantly, with over 20 team members after a few years and significantly expanded funding from the business into technology.
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Software Programmer

Dorset Software

📅 August 2016 – July 2018

- Working as a .NET developer at a software consultancy, sent on long term placements on client site.
- Worked for a large pharmaceutical company on a database migration project in .NET and a major bank as a web developer for a banking support tool using LAMP stack.

EDUCATION

MSci Physics with Astrophysics (2:1)

The University of Bristol

📅 Oct 2012 – June 2016

- Worked on a number of computational projects involving analysis of large datasets using C and Scientific Linux.
 - Voluntary tutor for Maths GCSE students and co-founded the Tokien Society.
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A/AS Levels

Exeter College

📅 Sept 2010 – June 2012

- A-Level Physics (A*), A-Level Maths (A), A-Level Further Maths (A), AS-Level Chemistry (B)

CERTIFICATIONS & OTHER INFORMATION

Microsoft Certified: Azure Fundamentals (AZ-900) · British and Irish (EU) Citizenship