

CAREER PROFILE

Multi skilled Engineer with 25+ years of strong experience in CI/CD, DevOps, SRE, RDBMS & SQL and Developing with multiple programming languages with an ability to learn quickly, often in high pressure situations, in order to fully understand a new product, platform or service. Multiple cloud certifications all achieved with own personal study. UK Government SC Clearance. Currently working for EPAM as a Lead Systems engineer.

KEY SKILLS:

- GCP Certifications – Architect Pro, DevOps Pro, Data Engineer Pro, Developer Pro
- AWS Certifications – DevOps Pro, Developer Associate
- Azure Certifications – DevOps Engineer Expert
- CI/CD - automated builds, Github Actions, Azure pipelines
- Agile – SCRUM, Story estimation and planning
- Cloud engineer/developer/architect
- Development languages – C#, Javascript, Bootstrap, WebAPI, .Net Core, Entity Framework, Blazor
- SQL Server – Design, Build, AlwaysOn Availability Groups, Performance Tuning
- Scripting – Powershell, Python
- Cloud Databases – Cloud SQL, Azure SQL, GCP BigQuery
- IAC – Terraform, GCP Deployment Manager, AWS Cloudformation
- Containers – Docker, Kubernetes
- Observability - NewRelic, Dynatrace
- Serverless – GCP Cloud Run, Azure Container Registry, Azure Functions, AWS Fargate
- Good networking knowledge – Wireshark, Fiddler
- Linux/Unix – bash scripting
- Sharepoint – Installation and maintenance
- Driven, self-motivated, can-do attitude, enjoy problem solving
- Relish challenging roles, embrace change and have a passion for learning new technologies

EXPERIENCE

DevOps Engineer/SRE for a Large UK Retailer

Jan 2022 - Present

EPAM

I was a Devops/SRE Engineer for a large retailer in the UK. Main responsibilities and skills:-

- Designed and built CI/CD Pipelines using Github actions
- Used Terraform for provisioning Azure Infrastructure



Dave Furmidge

SRE/DevOps Engineer

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(<http://github.com/davefurmidge>)

📄 Resume PDF
(https://www.furmidge.uk/Dave_Furmidge_)

EDUCATION

B.A(HONS) Music
University of Salford

LANGUAGES

English (Native)

INTERESTS

Manchester United

Playing the drums

Dog Walking

- Used Agile processes using Github projects and issues
- Used Git – branching strategies, merge, rebase, cherry-pick etc
- Had Code reviews, technical working groups
- Worked as SRE Engineer for multiple teams
- Collaborated with different individuals and teams
- Worked with offshore and geographically distributed teams
- Basic python scripts for automation
- Observability using NewRelic & Dynatrace
- Built Akamai Edgeworkers
- Troubleshooting

Tech Lead - NHS Commercial Medicines Unit Cloud Migration

Jan 2018 - Oct 2021

ATOS

I was the tech lead on an Agile project to transform the CMU applications from on-premise and Azure VM's into Azure PAAS. I lead a team of NHS IT developers as well as some 3rd party offshore developers. I helped with story estimation and planning, and I was responsible for the full SDLC. Main responsibilities and skills:-

- Infrastructure build using terraform and ARM templates
- Azure development including Web Jobs, Azure functions etc
- Design and build CI/CD Pipelines using Azure Pipelines and YAML definitions targeting different cloud environments
- Agile processes using Azure Boards
- .NET development
- Git – branching strategies, merge, cherry-pick etc
- Mentor developers, code reviews etc
- Stakeholder meetings, technical working groups
- Collaborating with different individuals and teams
- Team Leading
- Working with offshore and geographically distributed teams
- Troubleshooting

Tech Lead, DBA - MOD Warehousing System

Feb 2004 - Dec 2021

ATOS

I was the technical lead for an Atos designed warehousing system at the MOD site in RAF Donnington. We partnered with Boeing Defence to provide a service to the MOD. I was involved in the initial development of the web site and applications and provided BAU support till I left Atos. Main responsibilities and skills:-

- Database design
- Writing/amending SQL Server stored procedures
- Designing web sites using ASP.Net, JavaScript, Classic ASP & Crystal Reports
- Application development using VB.net
- SQL Server DBA
- Customer facing support
- Fault resolution
- Weekly site visits for implementation and progress reporting
- Collaborating with different individuals and teams from multiple companies
- Consulting and stakeholder skills
- Documentation

- Technical Support
- Network Administration/ Windows Server Administration
- Performance tuning
- Server Builds / Hyper-V Configuration
- MySQL

Lead Developer/Architect - London 2012 Olympics

Jan 2008 - May 2012

ATOS

I wrote the Delivery Booking application for the London 2012 Olympic games project. This application was used to manage the movement and capacity planning for the delivery of construction materials into the project venues. I also provided support for this and many other London2012 applications. Main responsibilities and skills:-

- Database/Website design
- Writing/amending SQL Server 2005 stored procedures
- Designing web sites using ASP.Net 3.5, agile development methodology
- SQL Server DBA
- SQL Server Cluster Installations
- Creation of reports using Crystal Reports
- Site visits for implementation and progress reporting
- Delivering customer workshops
- Website/Database Installation
- Fault resolution
- Active Directory Management

● PROJECTS

Here is a list of some of the other projects I have been involved in during my career.

NHS Legacy Records - .NET Core Azure Webapp with Azure SQL backend.

NHS Abortion System - .NET application, SQL Server backend. Jenkins pipelines.

Urengo Sharepoint 2013 System Build - Sharepoint 2013 with SQL Server HA cluster using AlwaysOn AG's.

Dept of Health Sharepoint Support - BAU support for DHSC Sharepoint content management system.

Houston Metro SAP R3 System - SAP R/3 System build, BASIS Support.

● SKILLS & PROFICIENCY

CI/CD

Terraform

.NET

Multi Cloud

Agile

Scripting
