Calum Rees

DevOps Engineer

📞 07585 443706

✉️ Calumrees99@gmail.com

📍 Surrey, United Kingdom

👤 Linkedin

Github

SOFT SKILLS

- Natural ability to take lead on jobs and share knowledge with others.
- Innovative ideas focused on product mindset.
- Building rapport with clients and within multi-discipline teams.
- Curiosity and asks questions to deliver high quality work.

TECH STACK

- Azure: App Service, AKS, Application Gateway, Key Vault, App Insights, Networking, Azure Functions, Azure Cache for Redis, Storage Account, SQL database, Azure Policy, Defender for Cloud.
- AWS: EKS, IAM, NLB, ALB, API Gateway, X-Ray.
- CI/CD Tools: Azure DevOps, Octopus Deploy and Bitbucket pipelines.
- IaC: Terraform, Bicep & ARM.
- Scripting: YAML & PowerShell.
- Kubernetes: Helm charts, ingress-nginx, cert-manager, Istio, Linkerd, Karpenter.
- Working practices: Scrum, Agile & Kanban.
- Documentation: Office 365, Confluence & Azure DevOps Wiki.
- Story boards: Azure DevOps Boards & Jira.
- Other: Git & Docker.

ABOUT ME

Highly skilled, passionate, and motivated in cloud architecture and delivering DevOps and SRE practices. Calum has a proven track record of; building and maintaining scalable and highly available cloud platforms, eliminating toil, and increasing the efficiency of application delivery. Using his pragmatic approach he troubleshoots, designs, and implements solutions to complex problems that enable teams to achieve their fullest potential.

EXPERIENCE

DevOps Engineer

BAE Systems Digital Intelligence / Work from home / August 2023 – Present

- Mentored engineers within a small team working on an open-source, enterprise scale project for a central government client.
- Designed and implemented Application insights consolidation and alerting, providing greater visibility for development teams.
- Developed PowerShell scripts to perform bulk updates to YAML pipelines and ARM templates, saving days of engineering effort.
- Monitored services, responded to incidents, investigated root causes and resolved faults in production environments.

Site Reliability Engineer

MMT Digital / Work from home / October 2021 – August 2023

- Transformed projects ranging in sizes from 5 to 50 microservices within Finance, Banking, Public Transport and Housing industries.
- Provided Kubernetes expertise to AWS based project hosting 50 microservices across 9 products.
- Designed a synthetic monitoring solution using Azure Functions which integrates into application insights, to emulate live user functionality.
- Audited and created Disaster Recovery plans across 3 production sites and improved rollback times from hours to minutes.
- Developed a custom PowerShell script/Azure Automation Account to shut down AKS clusters OOH, reducing their operating costs by ~65%.

IT Support Technician

GEP Academies / Surrey / September 2020 – October 2021

- Provided 1st/2nd line IT support and guidance within an educational trust.
- Performed server administration tasks on Windows server 2008-2019, utilizing PowerShell where possible.

Previous Experience

Mobile Coverage Surveyor / NET Coverage Solutions / UK wide / July 2018 – September 2020

Fiber Field Engineer / AFL Global / South England / September 2017 – July 2018