Contact

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Top Skills

Python (Programming Language)
Terraform
Pipelines

Alex Hill

Site Reliability Engineer
Glasgow, Scotland, United Kingdom

Summary

Experienced Cloud professional with a strong working knowledge of AWS. Worked on large Kubernetes clusters, infrastructure projects, pipeline development software and have comprehensive knowledge of multiple scripting languages
Exceptional learning and problem-solving skills deployed to help resolve major incidents, without always being the most knowledgeable.
Proven people and management skills working with mentorship in work and 1:1 coaching in triathlon.

Key Skills: AWS, Kubernetes, Docker, Unix, Terraform, Puppet, Ansible, Prometheus, Grafana, ELK, Gitlab, Bash and PowerShell. Experience on other platforms including AWS China, VMware, and Azure.

Experience

LexisNexis Risk Solutions
10 years 2 months

Site Reliability Engineer
September 2019 - Present (7 years 2 months)

• Responsible for the design and deployment of several on-premise central applications, including Nexus, Gitlab, Atlassian Stack, Grafana, Prometheus and Thanos. Build with documented HA architecture, disaster recovery plans, backup and future growth. Experience working with serverless technologies within AWS.
• Deployed and built internal monitoring applications via docker, building a single helm chart to be able to deploy this and any new ones quickly and effectively.
• Pioneered the use of Ansible to deploy and update over a large server estate with new security agents, monitoring, and password-less access across multiple AWS accounts and VMware.

• Responsible for varied day-to-day requests from development teams including building infrastructure, creating and maintaining standardised deployment pipelines, debugging and troubleshooting applications, and network and monitoring issues across AWS infrastructure, and virtualized servers.
• Developed strong pipeline maintenance and building skills as part of a team that worked on the migration of hundreds of repositories and pipelines from Gitlab, BitBucket and Teamcity to Github.
• Responsible for regular releases on both EC2 and Kubernetes, reviewing the process and highlighting bottlenecks within the process. Regularly picking up tasks to solve issues with networking, deployment and errors.
• Selected to mentor new colleagues to integrate them into the team remotely, set development goals and accelerate their learning and progression – feedback from management that these colleagues were the most productive and happily integrated remote starters.

Production Support Analyst
September 2016 - September 2019 (3 years 1 month)
Sutton, England, United Kingdom

This varied role required a good knowledge of all ICIS products and systems, quick reaction to incidents and excellent debugging and analysis skills across a varied technology stack. Learning quickly, I developed expertise in ICIS' broad product range and provided great team value.
• Confident Linux administration skills I became the Linux expert within our team.
• Created Windows and Linux scripts to create report data to increase the visibility of
infrastructure sprawl and help reduce costs.
• Took responsibility for implementing upgrades of Atlassian on-premise server applications and delivering a structured user-entitlement.
• Took the lead and migrated all teams logging to the centralised ELK stack deployed using puppet. The same implementation is now still responsible for 1bil+ logs a month.
• My positive impact on these DevOps projects resulted in my promotion to Site Reliability Engineer in 2019.

LexisNexis Risk Solutions
Associate Developer
August 2014 - April 2016 (1 year 9 months)

• Became responsible for the administration and deployment of MarkLogic and other key components throughout the continuous integration process and improving the process.
• Developed visual alerts and monitoring to identify issues quickly.
• Learnt XQuery to enhance custom API and resolve issues and created many quality
documents which are still referred to many years later.

AT Computers Ltd
Junior Technican
October 2010 - June 2011 (9 months)

Education

University of Exeter
BSc, Mathematics; Economics · (2011 - 2014)

Tewkesbury School
A/AS Level, Further
Mathematics,Mathematics,Economics,Physics · (2008 - 2010)