ANGUS JELLIS

DevOps Engineer

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Key skills:

Python / Terraform / AWS / Hashicorp Vault / Kubernetes / Serverless / Jenkins / GitHub / GitHub Actions

Linux / Packer / Flask / Git / Jira / React

- DevOps Engineer passionate about building solid, scalable solutions to enable technology teams.
- 2 years of experience within the industry, providing shared services to other DevOps/Developer teams at KPMG.
- Confident at technical and non-technical stakeholder management.
- Experienced at all stages of the SDLC.
- Significant experience using Python scripting to automate toil.
- Excellent understanding of Terraform & IAC.
- Strong knowledge of Hashicorp Vault, both operating and utilising it.
- Confident working within an agile delivery team.
- Experienced with the following AWS products: VPC, ECS, ECR, EC2, Lambda, S3, Config, SSM.

Work history:

Senior DevOps Engineer – Developer Platform
Company Name: KPMG UK

October 2021 - Present

- Leading a cross-functional squad of five engineers.
- Developing an application to provide a programmatically accessible software inventory for KPMG Engineering, using OpenAPI spec, with a Flask backend hosted on ECS, and a React frontend. Its API will be the single source of truth for ISO compliance, security vulnerabilities, code best practices, etc.
- Providing product roadmaps to senior leadership.
- Translating stakeholder requirements into technical specifications for the squad.
- Primarily focussing on backend development of application, along with infrastructure deployment & optimisation.
- Providing mentorship and leadership to junior engineers.
- Evangelising GitHub Actions to the wider Engineering department.
- Deployed MFA secrets engine to Hashicorp Vault, facilitating move away from shared physical MFA phone.
- Developed shared GitHub Actions libraries, encouraging best practice.
- Developed solution to automate management of service accounts & organisational secrets.
- Continuing maintenance of existing shared services mentioned below & improving their security posture.

DevOps Engineer – Cloud Enablement
Company Name: KPMG UK

September 2019 – September 2021
- Working within a small team experiencing high turnover.
- Led a successful migration of our Source Control Management system (with over 3000 code repositories) from Bitbucket Server to GitHub.
- Deployed self-hosted GitHub Actions runners on Azure Kubernetes Service.
- Developed Serverless stack to automate toil involved in the running of our GitHub organisation.
- Maintained existing shared systems, such as Jenkins, Atlassian Stack, Teamcity, Hashicorp Vault.
- Deployed new monitoring solution for existing shared systems, using Terraform.
- Added new features to our Hashicorp Vault Access Management Lambdas, futureproofing the setup prior to expected growth within KPMG Engineering.
- Improved existing infrastructure deployment pipelines on Jenkins.
- Maintained existing hardened image pipelines, deployed using Packer & Ansible roles.
- Migrated existing AWS saml setup from Cloudformation to Terraform (over 70 custom IAM roles).

Qualifications & training

Qualifications
- Hashicorp Certified Vault Associate
- Hashicorp Certified Terraform Associate.
- BA Economics(2:1) (Sheffield University) Graduating July 2019

References

Available on request.