

Jamie Starke

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Experienced DevOps Engineer with a passion for designing and implementing scalable and cost-effective cloud architectures. Proven history of leading projects to unify systems, automate processes, and significantly improve operational efficiency.

TECHNOLOGIES

- Preference for and proficiency with *Terraform, Amazon Web Services (such as Lambda, S3, CloudFormation, CodeBuild, CodePipeline and more), Python, TypeScript, IntelliJ*.
- Competency with *Google Cloud Platform, Kubernetes, Jenkins, Ansible*.

RELEVANT EMPLOYMENT HISTORY

Senior DevOps Engineer Anglepoint March 2024 - Present

- DeDesigned and implemented the AWS infrastructure that runs Anglepoint's internal Quoting tool with a gateway that presents 1 backend modular monolith and 2 frontend web apps as a single unified domain.
- Designed and implemented an data pipeline that aggregates cost information from multiple AWS Payer organizations into a unified Snowflake view.
- Designed and implemented a Power BI dashboard break down cost into respective products, components and environments, and identify waste, based on metrics like Instance CPU Utilization, and the difference between RDS Aurora Serverless' ACU Utilization and CPU Utilization.

President/Cloud Consultant Cloud Versed Consulting October 2021- July 2023

- Implemented CSAM detection based on Safer by Thorn into a social media customers system.
- Designed and implemented a cost effective and easy to use method to for end users to spin-up and down large and costly resources on demand.

Senior Soft. Dev. Engineer, DevOps Workday October 2021- July 2023

- Designed and implemented an automated process for requesting, reviewing and provisioning Google Cloud Platform projects, with another senior developer; this reduced the weekly time spend on these tasks by 60%, equivalent to about 1 day per week.
- Worked with several service teams across my organization to drive up our resource tagging coverage from under 30k resources tagged to over 325k of approximately 700k resources tagged in one month, achieving double our target coverage for the quarter.
- Designed and implemented the architecture for Workday's internal cloud cost analysis tool, aggregating relevant information from over 20 different data sources spread across Amazon Web Services, Google Cloud Platform and Workday's private data center into a single unified data warehouse.

Senior Soft. Dev. Engineer, DevOps Workday January 2018 - October 2021

- Led a project to improve the efficiency of regular weekly application deployments for services hosted on Amazon Elastic Container Service using an automated deployment pipeline.
- Active role in the migration of an application from multiple data centers to AWS, including planning the migration of databases and ensuring the proper connectivity from the data centers.
- Created a reusable Terraform module for managing an EC2 Container Service Cluster and ensuring zero downtime during instance modifications and replacements.

DevOps Engineer Giftbit June 2016 - January 2018

- Achieved a consistent deployment model using Infrastructure as Code using CloudFormation. This enabled a staged deployment of new resources and permissions through development, staging and production. It was triggered by a pull request and used CodePipeline to ensure consistency of deploys and configurations through each environment
- Created a fast and consistent way for developers to deploy service changes using deployment scripts, reducing deployment times for new functionality from hours to minutes.
- Identified and reduced infrastructure waste, reducing cloud costs by 40%

EDUCATION

Master of Science in Computer Science from the University of Calgary