

Andrew Grube

AWS Certified Solutions Architect - Professional with 6 years of experience in IT, and 4 years experience in AWS technologies. In-depth experience with high availability, cost-effective, fault-tolerant systems.

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EXPERIENCE

SelectQuote, Overland Park, KS — *DevOps Engineer II*

March 2021 - PRESENT

- Deployment of new Amazon ECS services for Population Health via Terraform IaC.
- Assisted the App Support team to improve a poorly performing Serverless function in AWS.
- Configured Bitbucket CI/CD pipeline for Serverless Python 3.6 Lambda deployment with imports that rely on native packages that aren't included in AWS Lambda environments.
- Created an AWS QuickSight group manager integrated with Google SSO developed in Python. This application stack is running on Lambda and deployed with Serverless framework and automated with BitBucket pipelines.
- Documented and deployed infrastructure of the new disaster recovery environment in Terraform using best practices and automating documentation with terraform-docs using pre-commit githooks.

DSI, Kansas City, MO — *DevOps Engineer*

November 2019 - March 2021

- Created Lambda Function in Python 3.8 to automatically block IP addresses scanning production AWS Classic ELB.
- Implemented CI/CD Pipeline for CloudInventory Services with ECS and CodePipeline.
- Configured and installed Jenkins server for DSI analytics developers.

DSI, Kansas City, MO — *Cloud Engineer*

March 2019 - November 2019

- Developed Lambda functions to programmatically back up EBS volumes for mission critical servers nightly and reduce cost by deleting old backups on a revolving schedule.
- Created and deployed scalable CloudFormation application stack for infinite scaling of new software deployments.
- Worked with SCPaaS team for infrastructure review, DevOps strategy, and deploying test environments with Terraform.
- Worked with CloudInventory team to deploy and manage API cluster for new application functionality.

SKILLS

Technologies: Git, Terraform, Linux, Windows Server, Network Administration

AWS: IAM, S3, CloudFormation, Aurora RDS, EC2, Directory Services, VPC, CloudWatch, CloudTrail, Elastic Container Service, EBS, Lambda, FSx

Programming: Python, Powershell, Bash

Ability to develop cloud reference architectures, governance policies, security models, and best practices.

DSI, Kansas City, MO— *Cloud Systems Administrator*

August 2018 - March 2019

- Creating and deploying VPC, security, and application CloudFormation stacks in 5 regions for 2 software stacks.
- Facilitated the implementation of production, stage, and test server monitoring in Grafana.
- Lead the CI/CD efforts of our “customer portal” application in ECS with full CodePipeline integration and stored source in Git.
- Fulfilled administrative duties, including: production server monitoring, cost reduction plans, constant review of CIS security compliance guidelines.

DSI, Kansas City, MO— *Customer Success Consultant I/II*

October 2014 - August 2018

- Resolving client and consultant issues with DSI supported software
- Maintaining an exceptional level of training and experience on all of our products; including new and revised software and hardware.

CERTIFICATES

AWS Certified Solutions Architect – Professional ([Verification](#))

03/07/2021 – 03/07/2024

AWS Certified Solutions Architect – Associate ([Verification](#))

03/07/2021 – 03/07/2024

HashiCorp Certified: Terraform Associate ([Verification](#))

05/11/2021 – 05/11/2023

AWS Certified Cloud Practitioner ([Verification](#))

05/13/2021 – 05/13/2024