

Junior DevOps Engineer

Motivated, personable business professional with experience in DevOps engineering. An industry certified, proactive worker who is highly effective in designing, planning, developing, and maintaining working software using agile methods. A leader who is skilled in ensuring immediate response to business impacting issues and supporting Information Technology. A detail-oriented team player with the ability to implement AWS systems to support scalable solutions.

Top Skills

- **Languages** – Python, SQL
- **Tools** – Git, Kubernetes, Docker Ansible, Terraform
- **Database** – MySQL, PostgreSQL, DynamoDB
- **Technical** – Amazon Web Services (AWS) IAM/VPC/EC2, Microsoft Azure, Windows Server, Linux, RHEL 7+, Windows 10, Active Directory, Group Policy, O365, Hardware, Software, MS Word, MS Excel, MS Outlook, MS PowerPoint, SolarWinds
- **General** – Problem Solving, Communication, Customer Service, Vulnerability Assessment, Vulnerability Management, Compliance, Risk Management, Risk Mitigation, Incident Response, Critical Thinker

Education, Training, and Certifications

Western Governors University, Salt Lake City, UT

Bachelor of Science, Business Information Technology Management (2018)

Nucamp Coding Bootcamp, Atlanta, GA

Backend, SQL, and DevOps with Python (2021)

- Completed projects using Python, PostgreSQL, and Docker Containerization.
- Designed and managed relational databases with SQL and an ORM.
- Created and implemented Rest API's and deployed applications using AWS and Azure Cloud.

Cisco

- Cisco Certified Network Associate (CCNA) (2021)

Amazon Web Services

- AWS Certified SysOps Administrator (2021)

Kubernetes

- Certified Kubernetes Application Developer (CKAD) (2021)

IT Infrastructure Library (ITIL)

- ITIL v4 Foundations Certified (2020)

Work Experience

Alameda Health System, Oakland, CA

IT Service Center Technician

07/2018-Present

- Provides support for devices, systems, and clinical applications to 5000 end users across a multi-campus healthcare setting.
- Minimizes resolution times by triaging, prioritizing, and troubleshooting end user issues.
- Provisions user and group security access in Active Directory and account setup in O365.
- Creates clear and complete knowledge article solutions and ticket documentation to improve first call resolution rates.
- Implemented secure password manager (Bitwarden) across the entire company.

Project Work

Serverless Static Site Hosted in AWS S3 Bucket

2021

Technologies Used: AWS S3, SAM/CloudFormation, DynamoDB, API, GitHub, CloudFront, CI/CD GitHub Actions

- Serverless static website hosted out of an AWS S3 bucket using SAM/CloudFormation template.
- Updates DynamoDB database visitor's table utilizing Lambda function when API Gateway receives successful get request. Can be viewed on derekreason.io

COVID 19 Extract, Transform, and Load Dashboard

2021

Technologies Used: Lambda, S3, Quicksights, DynamoDB, SNS, EventBridge

- Extracts, transforms, and cleans NY Times and Johns Hopkins COVID-19 data using Lambda function and autoloads to S3 bucket.
- Uploads to DynamoDB table utilizing Lambda triggers after loaded in S3 and then uploads to AWS Quicksights dashboard for presentation.

Managing a Hybrid AWS and on-premises environment with Systems Manager

2021

Technologies Used: Ubuntu and Windows AMIs, Systems Manager, EC2, VPC, CloudFormation

- Setup and configured on-premises and AWS managed servers that run as managed instances within Systems Manager.
- Setup and performed system inventory and patching using Patch Manager.