William Gleich

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EXPERIENCE

ARUP LABORATORIES | DevOps Engineer II
Feb 2020 – Present | Salt Lake City, UT

- DevOps support for genomic analytical pipeline and web services developed in Python, React, NodeJS, and C# deployed in hybrid environment utilizing AWS and VMware
- Migration and modernization of legacy Python workflows to utilize autoscaling Argo workflows on EKS with metrics in Prometheus
- Provide CI/CD infrastructure for automated GitOps testing and deployment in TeamCity and Octopus
- Secured Kubernetes environment utilizing expiring dynamic credentials and IAM role mappings to service accounts
- Deployment of MinIO system to expose web interface for cloud access to on-prem network-attached storage

UNIVERSITY OF UTAH | Linux Systems Administrator
Jan 2018 – Feb 2020 | Salt Lake City, UT

- Provided DevOps support for PHP and Java developers utilizing Linux and Docker infrastructure
- Led migration of 120+ Linux, Apache, MySQL, PHP (LAMP stacks) web applications from legacy shared web hosting to high availability deployment of Kubernetes
- Developed new pipeline in Jenkins to automate the deployment of web infrastructure including Kubernetes resources and DNS
- Development of toolbox Python Flask application to automate TLS certificate deployment to load balancers, inventory website attributes to store in MySQL, and more

UNIVERSITY OF UTAH HEALTH | Systems Administrator I
Mar 2017 – Jan 2018 | Salt Lake City, UT

- Performed Windows server administration of VMWare virtual machines (1500+ VMWare VMs), as well as hardware administration of HPE C-Class enclosures and blades in a 24/7 environment (on-call)
- Developed Python script to inventory 600 physical blades for custom attributes and health status
- Created and utilized Powershell scripts for automating VMWare and Windows tasks
- Developed Python Flask web application used to automate creation Active Directory security groups with permissions to a CIFS network folder

Help Desk Agent
Aug 2016 – Mar 2017 | Salt Lake City, UT

- Led performance metrics for 2 months by responding to phone, email, and web-based IT trouble incidents remotely
- Resolved Citrix and MS Office issues on Mac, Windows, iOS, and Android for hospital employees

MYRIAD GENETICS | Data Technician I
Aug 2015 - Aug 2016 | Salt Lake City, UT

- Verified and printed confidential patient report information
- Performed regression user acceptance testing (UAT) on informatics changes and attended Scrum meetings to recommend and track development changes to proprietary reporting application

SKILLS

TECHNOLOGY
Kubernetes • Docker • Linux • API
AWS • VMWare • GCP • Windows
Terraform • Helm • Ansible • Puppet
Netscaler • F5 • Nginx • Apache
Prometheus • Argo • Atlassian
Jenkins • TeamCity • Octopus • Drone

PROGRAMMING
Python • Bash • JavaScript
MySQL • Powershell
Golang • PostgreSQL • MongoDB

EDUCATION

UNIVERSITY OF UTAH
B.Sc in Chemistry
Dec 2014 | Salt Lake City, UT
- Computational Chemistry Internship
- Dean's List (Multiple Semesters)
- Leon Watter's Award for Scholastic Achievement

B.Sc in Business Administration
Dec 2014 | Salt Lake City, UT

CERTIFICATES

MITX / EDX
Spring 2018
- 6.00.2x: Introduction to Computational Thinking and Data Science
- 6.00.1x: Introduction to Computer Science and Programming Using Python

PEOPLECERT
Summer 2018
- ITIL® Foundation Certificate in IT Service Management

LINKS

Github:// **willgleich**
Personal:// **will.gleich.tech**
LinkedIn:// **williamgleich**