LEE MARTIN

Senior Systems Engineer

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EXPERIENCE

Senior Systems Engineer

Stack Overflow

📅 Jan 2021 – Oct 2023   📍 Remote

- Configured Azure production and development environments using Terraform through Atlantis (https://runatlantis.io) automation.
- Procured, planned, and implemented the 2021 and 2023 migrations to Workspace ONE, Kandji, and Intune MDMs using Okta, Apple DEP, and Windows Autopilot. Migration involved scripting the entire device process using Golang with a large decision tree.
- Wrote an tool named ENVy to securely provide credentials from Azure KV, Google SM, or AWS SM and inject into the pod environment.
- Wrote tool that takes webhooks and twilio SMS messages, parses, formats, and then sends to Slack or Datadog for authentication and logs.
- Wrote many libraries for tools to handle day-to-day API use. (Workspace One, Azure Key Vault, SendSafely, etc.)
- Wrote an open-source tool to auto-magically create terraform code from existing Okta groups as well as their import strings.
- Deployed and configured 12 Kubernetes clusters using Terraform IaC and managing the clusters using FluxCD and ArgoCD.
- 2021 Hardware Refresh. Deployed new server and network hardware while transitioning the Stack Exchange network live.
- Lead and implemented IT's monitoring implementation of DataDog using custom metrics and logging.

Linux Systems Administrator

Vultr.com / Constant, LLC

📅 Feb 2018 – Jan 2021   📍 Remote

- Worked with Tencent/Activision to monitor, support, and buildout the core infrastructure for Call of Duty Mobile for deployment on VULTR platform globally. Included weekly meetings with all three companies teams via teleconference and using Activision's JIRA for project tickets and GIT for version control.
- Internal Active Directory Domain Admin, PBX Admin (Using 3CX Software), Icinga/Nagios Admin
- PBX Internal Admin (Using 3CX Software), Icinga/Nagios Admin
- Support for customer-facing systems, pro-active customer service, and support infrastructure of 8,000 servers in a globally distributed, multi-homed topology for Choopa, Constant, ReliableServers, Unmetered Servers, Gameservers, as well as VULTR.

Field Service Technician II

ConvexSERV Technology Solutions, LLC

📅 Jun 2017 – Feb 2018   📍 Forked River, NJ

- Domain and network administrator. Provided Level II technical support. Configure and troubleshoot VPNs and remote connections.
- Hardware support for Debian and Windows devices.

CERTIFICATIONS

Okta Certified Professional   Security+
Network+   Microsoft Azure Fundamentals
Cloud+   Project+   A+   Linux Foundations
ITIL v4 Foundations   Scrum Foundations

SKILLS

Python   Linux   Okta   GCP   Azure
AWS   AWX   Terraform   Kubernetes
FluxCD / ArgoCD   Ansible   Puppet
Workspace One   Kandji   Jamf   Bash
Device Management

PROJECTS

- https://github.com/Aechrok/envy
- https://github.com/Aechrok/Okta-Terraform-Export

OTHER INFORMATION

- 82nd Airborne Division (1/508th PIR)
- 1-year Combat Deployment to Afghanistan
- Service-Connected

EDUCATION

M.Sc. in Data Science and Analytics

Western Governor's University

📅 Class of 2026

B.Sc. in Cloud Computing

Western Governor's University

📅 Class of 2022

A.Sc. in Computer Science

Ocean County College

📅 Class of 2017