Raye Scott Evtuch

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TECHNICAL SKILLS

AUTOMATION & DEVOPS

- Scripting (Python, Bash, PowerShell)
- IaC (Terraform, Ansible)
- APIs (REST, JSON, authentication)
- Git (branch/merge strategies, submodules)
- CI/CD (Drone, GitHub Actions, CircleCI)
- GitOps (flux, argocd)

INFRASTRUCTURE ENGINEERING

- App Metrics (Prometheus, Datadog)
- Kubernetes (Tanzu, EKS, Rancher)
- Active Directory, LDAP, Kerberos
- VMware (vCenter, ESXi, Tanzu, vCD)
- GCP (App Engine, Cloud Storage, Cloud Functions)
- AWS (S3, EKS, RDS, CloudFormation)
- Certificates & PKI (ADCS, OpenSSL, ACME)
- Containerization (Docker)

NETWORKING, OPERATING SYSTEMS

- Linux (Ubuntu, RHEL)
- Windows (Server Core)
- Juniper (JunOS)
- VPNs (IPSec, SSL, WireGuard, OpenVPN)
- IPv6 (DHCPv6, RA, SLAAC)
- Routing (BGP, OSPF, Quagga)

WORK HISTORY

M1 FINANCE, CHICAGO, IL

SENIOR SITE RELIABILITY ENGINEER   APR 2022 – PRESENT

Maintain infrastructure, deployment pipelines, and monitoring systems to support a large development staff and ensure new features can be delivered rapidly without impacting production workloads. Assist developers with deploying and making changes to backend cloud infrastructure.

DEFT, CHICAGO, IL

LEAD PLATFORM ARCHITECT   MAR 2020 – NOV 2021

Develop new solutions for internal and customer-facing services with a focus on automation, scale, and manageability. Train and mentor a diverse team of engineers to support best practices and forward-thinking design principles such as automated builds/testing, infrastructure as code (IaC), and continuous integration/continuous deployment (CI/CD).

SYSTEMS ENGINEER II   APR 2017 – MAR 2020

Quickly respond to change requests and monitor system performance for a large and varied customer base. Deploy networking, firewalls, load balancers, virtualization, and storage for new customer orders. Create internal process documentation for a group of over 20 engineers and track billable time.

FERRARA CANDY COMPANY, OAKBROOK TERRACE, IL

SYSTEMS ENGINEER   JUL 2015 – MAR 2017

PROFESSIONAL CONVENTION MANAGEMENT ASSOCIATION, CHICAGO, IL

NETWORK ADMINISTRATOR   SEP 2011 – JUL 2015

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EDUCATION

UNIVERSITY OF ILLINOIS AT CHICAGO, CHICAGO, IL

MASTER OF SCIENCE, MANAGEMENT INFORMATION SYSTEMS	MAY 2013
BACHELOR OF SCIENCE, ACCOUNTING	MAY 2011

Cum Laude, University Honors and College Distinction

CERTIFICATIONS

AMAZON AWS SYSOPS ADMINISTRATOR – ASSOCIATE (SOA-C02)	FEB 2022
RED HAT CERTIFIED SYSTEMS ADMINISTRATOR (RHCSA)	MAR 2017
VMWARE CERTIFIED PROFESSIONAL – DC VIRTUALIZATION (VCP6.5-DCV)	DEC 2017
MICROSOFT CERTIFIED SPECIALIST –VIRTUALIZATION WITH HYPER-V (MCS)	JAN 2014

PROJECT EXPERIENCE

HELM DEPLOYMENT REFACTOR

Assessed requirements and authored a custom CircleCI orb to manage the automated packaging and release of Helm charts from code repositories using Flux. Migrated legacy git workflow to a trunk-based model to allow for automated testing of PRs in lower environments and control promotion to production. Added automated verification of successful deployments by querying the Kubernetes API for status and providing feedback to the pipeline.

TERRAFORM BOOTSTRAPPING

Provided leadership on a small team of engineers to develop a fully automated process to generate ready-to-use Terraform code repositories. Integrated with GitHub Actions to automatically provision GCP Service Accounts configured to use Workload Identity Federation for maximum security. Used templating to allow for one-step provisioning of Terraform repositories for onboarding customers.

CUSTOM ANSIBLE MODULES

Developed custom Ansible modules comprising over 2,000 lines of Python code to interface with a vendor REST API and configure SaaS-based monitoring of internal servers. Added logic in module to ensure idempotence for Ansible playbook runs and display meaningful diff/dry-run output for internal change control vetting.

MANAGEMENT NETWORK REFACTOR

Developed a plan for backend management network design including device naming standards, multi-site firewall policies, and credential storage. Managed a year-long project to migrate hundreds of legacy systems from various naming and documentation standards to new systems. Leveraged custom scripting to allow for a simultaneous cutover of all devices to new standards without affecting in-progress projects and orders.