

Tyler Wight, DevOps/SRE Engineer

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CAREER HIGHLIGHTS

- Designed and implemented a customer-facing web interface for Sunlight.io that automated building and configuration of Google Cloud VMs for clients. (python)
- Worked at Davewaytech through their name change to FillTheGapIT for 12 years with promotions from Technical Support → System Administrator → Automation Engineer
- Lead a team of 3 people at Khoj to migrate 100's of Windows workstations to a new domain without any loss in user productivity.

PROFESSIONAL EXPERIENCE

FillTheGapIT

IT Automation Engineer

05/2024 - Present

- Write tools to automate testing and running reports in Entra ID/Azure to facilitate security health checks and security changes to an Azure AD tenant (powershell)
- Write tools that parse security report data and fill in a docx report (python)
- Write tools to aid in migration/administration of Windows machines and DCs (Powershell)
- Monitored, configured and repaired critical networking and server equipment
- Manage and administrate various Windows DCs and workstations for clients

Sunlight

Site Reliability Engineer

2/2022 - 05/2024

- Manage backend of Sunlight hypervisors. Linux, LVM, ssh tunnels, Xen, MySQL
- Develop, maintain, and deploy repository of Ansible playbooks using Git and Jenkins
- Write and maintain related Jenkins jobs for product deployment
- Develop and maintain Flask based web service for clients to auto-build custom web front-ends on Google Cloud (Python)
- Develop and maintain tools for the company and clients to manage Sunlight, including a python API library(Python, Bash)

Khoj Information Technology

Active Directory Consultant

9/2020 - 9/2021

- Designed and enacted migration for 10,000 seat customer from many domains to one
- Lead team of 3 people to migrate workstations and support any migration related issues
- Developed automations to fix specific post migration issues (Powershell)
- Consulted on Active Directory best practices and design on new greenfield domain

Rise Vision

Technical Specialist

3/2017 - 3/2020

- Responsible for maintaining 5-10 AWS servers and S3 buckets
- Designed and wrote the backup scheme for remote access server using AWS-CLI
- Responsible for all testing and upkeep of company's Linux builds and issues
- Last point of escalation for issues related to our Linux OS image

OnApp

Support Engineer

3/2014 - 3/2017

- L1 lead and L3 support specialist for KVM based virtualization software
- SSH into clouds to find and solve problems found across network of CentOS hypervisors
- Deployed, provisioned, and managed over 50 virtual private servers
- Automated tasks using Bash, Python, and Ruby

Davewaytech (later FillTheGapIT)

System Administrator

05/2013 - 05/2024

- Provide on-site support to a handful of local businesses including computer installations, cat5 terminations, and server maintenance
- Create and use a test lab for Active Directory testing and research
- Provide remote support for users having issues

PROJECTS

- Manage a KVM home-lab with enterprise level network gear
 - Various development VMs (Linx + Windows)
 - CI/CD pipeline for deployments
 - Local DNS server
 - VLAN network separation
 - Backups to TrueNAS server auto synced to AWS S3
- Mini OpenGL based graphics engine in C
- Built a working 8-bit breadboard computer from discrete components
- Discord/Spotify bot (Python) that adds songs to a playlist that show up in Discord chat
- Running a bi-weekly DnD campaign with 5 friends over 4 years
- Electronics hobbyist, skilled with soldering iron, hot air rework station, and BGA rework

EDUCATION/CERTIFICATIONS

- Advanced IT Certificate, Bridgerland Applied Technology College
- General Studies at Utah State University
- Network +

TECHNICAL SKILLS

- Linux, Docker, Git, Bash, Windows Server, Python, GCP, Networking
- AWS, Ansible, MySQL, C,C++, Kubernetes, Redis, Rabbitmq, Azure cloud