Liam Fitzgerald-Nwosu

Systems Administrator | IT Support Technician

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PROFESSIONAL SUMMARY

Junior DevOps engineer moving up from two years in Linux systems administration. Automates repetitive work with Bash, Python and Ansible, builds CI pipelines in GitHub Actions and runs a public homelab with Kubernetes and Terraform. Holds the CKA and the AWS Solutions Architect Associate, and is comfortable on call.

EXPERIENCE & PROJECTS

Barton Creek Regional Credit Union · Austin, TX **Aug 2024 — Present**

Systems Administrator

- Wrote Ansible playbooks for patching and hardening 120 Linux servers, replacing a manual checklist and finishing monthly patch windows in one evening.
- Built a GitHub Actions pipeline that tests and packages internal scripts, so changes to production servers now go through review instead of being edited live.
- Set up Prometheus and Grafana alerts for disk, certificate expiry and backup failures, catching two expiring certificates before they caused outages.
- Took part in the weekly on-call rotation and wrote six runbooks for common incidents that the help desk now uses for first response.

Hill Country Unified Services · San Marcos, TX **Jun 2023 — Jul 2024**

IT Support Technician

- Automated new user account setup with PowerShell and Python scripts, cutting onboarding tickets from an hour of clicks to a few minutes.
- Documented the office network and backups in a shared wiki, which the team used to restore a file server after a disk failure.

Homelab platform (public GitHub repository)

- Runs a three-node k3s cluster managed with Terraform and Argo CD, with Prometheus monitoring, automated backups and a README documenting every design decision.

EDUCATION

BS, Information Technology **2023**

Central Texas State University

SKILLS

Technical: Linux, Bash, Python, Ansible, Terraform, Docker, Kubernetes, GitHub Actions, AWS (EC2, S3, IAM, VPC), Prometheus, Grafana, Networking basics

Certifications: Certified Kubernetes Administrator (CKA) · AWS Certified Solutions Architect – Associate