

William T. Peebles

SRE Candidate | Seeking Remote Work

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Summary

IT professional with 8+ years of experience leading IT support operations and enterprise infrastructure projects, transitioning to a Staff Site Reliability Engineer role

Work Experience

Systems & Network Administrator – *Stellarware Corporation* (Norwell, MA)

Dec 2016 – present

- Led 2019 headquarters network upgrade, coordinating with Stellarware leadership, building maintenance, ISPs, cabling contractors, and vendors (ADT, Datel), ensuring seamless migration and 30% latency reduction for 500+ users.
- Designed and implemented automated OS deployment for 200+ PCs, reducing provisioning time by 70% (from 2 hours to 36 minutes per device) and enhancing scalability.
- Migrated legacy FreeBSD-based ownCloud to a containerized Nextcloud instance using Podman Quadlets (containerized instances on a single VM), improving scalability and adoption for internal users
- Managed vendor relationships with ISPs and ITSPs, negotiating service agreements to ensure reliable connectivity for 100+ users
- Implemented IPsec VPN configurations for state government clients in a timely and efficient manner.
- Implemented call monitoring and logging system, aligning with business unit needs to ensure compliance and performance.

Personal Projects

Cloud-Native Homelab

2021 – present

- Built a fault-tolerant Kubernetes cluster using Talos Linux, managed with Helm charts and Terraform for infrastructure-as-code.
- Deployed Prometheus and Grafana for observability, configuring alerts for resource usage and latency, with ongoing exploration of SLO definitions.
- Implemented ArgoCD for continuous deployment, automating updates for Gitea and Nextcloud services.
- Configured NixOS on my personal laptop with a declarative Git-based setup, using Nix flakes to manage reproducible system configurations

Unnamed Chat Service (*WIP*)

2025 – present

- Developing an open source, self-hosted chat service in Go as an alternative to Discord, with freedom, scalability and privacy first.

Certifications

Certified Kubernetes Administrator (CKA), Linux Foundation

2023

ID: LF-juh98yypvq

Education

Bachelor of Science – Computer Science/Cybersecurity

May 2025

Relevant Coursework:

- CS-230: Operating Platforms (Java-based system design and development)
- CS-340: Client/Server Development (Python, MongoDB enterprise application development)
- CS-465: Full Stack Development I (Node.js, Angular full-stack application development)
- CS-470: Full Stack Development II (AWS, Docker deployment and provisioning of full-stack enterprise application)