Joseph Pierce LeVangie *Platform / Site Reliability Engineer*

joseph@levangie.dev 937-405-6858 Davenport, FL

https://www.linkedin.com/in/joseph-pierce-levangie levangie.dev

SUMMARY

Infrastructure engineer with 7+ years of progressive experience, growing from IT operations into platform engineering and SRE at a scale that serves thousands of employees across a bioinformatics environment. At Myriad Genetics I build the tooling other engineers depend on: idempotent cluster provisioning, shared CI/CD workflows, secrets infrastructure, and observability pipelines. Strongest when the problem is "this process shouldn't require a human." Experienced across AWS, Proxmox, Kubernetes, Docker, HashiCorp Vault, Terraform, and GitHub Actions.

SKILLS

Operating Systems
Linux (CentOS, Ubuntu, Debian), Windows Server

Configuration & Secrets Management
Terraform, Ansible, HashiCorp Vault

Hypervisors
VMware, Proxmox

Monitoring Tools
Telegraf, Grafana, Datadog, Splunk

Networking
TCP/IP, DNS, DHCP

Containerization
Kubernetes, OpenShift, Helm, Docker

Scripting & Automation
Bash/Shell Scripting, Python, PowerShell

Version Control & CI/CD
Git, GitHub Actions, ArgoCD

Cloud Platforms
AWS, Cloudflare

AI Tooling
GitHub Copilot,. Claude Code, OpenAI Codex, Gemini CLI

PROFESSIONAL EXPERIENCE

Site Reliability Engineer II, *Myriad Genetics Inc.* 11/2024 – Present | Remote

- Managed a 7-cluster Kubernetes platform spanning AWS ROSA HCP and on-premises environments across multiple AWS accounts, supporting production and non-production workloads.
- Executed zero-downtime rolling HashiCorp Vault upgrades across 8 clusters, maintaining secrets availability throughout each upgrade cycle.
- Redesigned cluster provisioning tooling from the ground up to produce near-hands-free ROSA HCP cluster deployment — eliminating untracked secret files by sourcing credentials directly from Vault at runtime, closing a security gap, and removing a class of human error from the provisioning process.
- Authored comprehensive documentation for cluster installation, destruction, and the on-premises upgrade procedure, recovering a process that had been lost to the organization.
- Led team-wide GitHub Copilot onboarding, training engineers on effective usage and contributing to org-wide standardization via shared copilot-instructions.md files and a base template repository for propagating them across all repos.
- Built shared GitHub Actions publish workflows, standardizing the container image build-and-publish process across multiple teams and reducing per-team CI/CD configuration overhead.
- Integrated HAProxy ingress logging with Splunk, centralizing traffic visibility across the platform and enabling structured log-based alerting and incident investigation.
- Maintained internal container image supply chain by mirroring upstream public images to a private registry, rebuilding application containers against updated base images, and promoting validated images across the cluster fleet - ensuring base image currency without reliance on external registries at runtime.

Information Services Tech II, *Myriad Genetics Inc.* 05/2021 – 11/2024 | Mason, OH

- Delivered thorough technical support managing workstations, thin clients, network infrastructure, printers, digital signage, and device troubleshooting.
- Designed and documented the organization's first standardized iPad decommission process, replacing an entirely manual, ad-hoc workflow with a repeatable bulk procedure using Apple Configurator - eliminating process variability and ensuring reliable, auditable decommissions across the ~3,000-employee environment.
- Deployed and maintained Windows-based workstations operating as dedicated controllers for genomic sequencing equipment, supporting continuous laboratory operations in a high-availability, instrumentation-driven environment.

Information Services Tech II, *MVECA* 02/2019 – 05/2021 | Spring Valley, OH

- Led the technical operations for a local school district, overseeing local servers, networking, DHCP, DNS, Active Directory, GSuite, and cloud services.
- Supported over 1,300 end users in a hybrid K-12 environment, balancing both physical and remote needs.

Information Services, *Highland District Hospital* 08/2018 – 12/2018 | Hillsboro, OH

- Deployed and troubleshot computers, network infrastructure, and end-user devices, as well as scripting with Windows PowerShell and XML.

PROJECTS

- Built and maintain a multi-environment k3s Kubernetes platform across prod, staging, and test clusters - implementing GitOps delivery via ArgoCD, persistent storage via Longhorn, bare-metal load balancing via MetalLB, and automated TLS certificate management via cert-manager, mirroring production-grade platform patterns in a fully self-managed environment.
- Designed and operate a 3-node Proxmox hyperconverged cluster hosting approximately 60 containerized services across dedicated Docker VMs, including a full observability stack (Telegraf, Grafana), reverse proxy layer (Traefik/Nginx), self-hosted applications, and supporting databases.
- Designed, built, and deployed web applications to Cloudflare Pages, including a personal site and multiple original applications - covering the full lifecycle from development through production deployment.

EDUCATION

Southern State Community College, *Associate's* 08/2019 | Hillsboro, OH

Computer Information Technology

REFERENCES

References available upon request