

RELEVANT WORK HISTORY

Sony Interactive Entertainment, PlayStation

Senior Platform Engineer (CI/CD)

May 2023 – Present

- Monitored and optimized the performance of ArgoCD deployments across more than 20 clusters, proactively addressing issues and enhancing overall system reliability.
- Rearchitected the CI/CD platform by converting Gitlab CI into GHA repeatable workflows + custom actions, as well as building a scalable GitHub Actions Runner Controller (ARC) platform on Kubernetes.
- Managed multi-environment CD in Gitlab, facilitating the deployment of applications to dev, staging, and production environments across a fleet of hybrid Kubernetes clusters with ease.
- Implemented a golang-based tooling suite that allows devs to directly interact with our ArgoCD monorepos, both locally and in our CI platforms, increasing local testing and efficiency when updating the internal charts and cluster configs.
- Orchestrated a webhook-driven automation layer that utilizes OpenAI's API and local MCPs to summarize and rewrite MRs, also allowing for MR interaction through slash commands.

Wyze Labs, Inc.

Systems Engineer III

December 2020 – May 2023

- Led the system engineering effort for Wyze/Roku Smart Home app platform, overseeing the end-to-end development and deployment process.
- Developed and implemented dynamic Terraform modules to standardize AWS deployments.
- Transitioned existing manually-created AWS resources into multi-region Terraform deployments.
- Implemented deployment scheme for custom ECK EKS clusters to be spun up on-demand and ready to integrate with services immediately.
- Centralized promotion and rollback strategy for development environments in AWS.

Solers, a Peraton Company

Systems Engineer II

June 2016 – December 2020

- Led System Engineering team in high-availability Kubernetes cluster IRAD deployed in AWS GovCloud using Helm.
- Increased reliability in Infrastructure as Code deployments by leveraging Ansible and Maven in project releases.
- Implemented Gerrit, Jenkins, and SonarQube CI/CD pipelines for multiple projects to increase overall efficiency of code coverage and delivery.

EDUCATION

Radford University - Information Science and Systems

RELEVANT LINKS

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LinkedIn: <https://www.linkedin.com/in/michaeldvinci>

CERTIFICATIONS, LANGUAGES, & PROFICIENCIES

- **AWS Certified Cloud Practitioner**
- Golang, Python, Groovy, Terraform, Ansible
- MCP & Agentic Tooling, CI/CD & Automation, Kubernetes, Cloud Infrastructure