

Thomas Campbell

Site Reliability and DevOps Engineer

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Education

George Mason University - Fairfax, VA

Fall 2018 - Spring 2023

B.S. Applied Computer Science concentrated in Game Design

Minor: Software Engineering

Relevant Experience

Site Reliability Engineer/Developer - Oracle America

Oct 2024 - Present

Site Reliability Developer with Oracle Cloud Infrastructure working on the Oracle Kubernetes Engine (OKE). Responsibilities include work Organizing and Conducting Deployments, Region Buildout/Expansions, Incident Response, etc. Focusing on developing automation, tools, and scalable solutions that ensure the high availability, performance, and resilience of OKE.

DevOps Engineer - INADEV

Dec 2022 - Sept 2024

Devops Engineer at INADEV focusing on Governmental Contracts. Worked with cutting edge technologies such as **Kubernetes**, **Docker**, **Jenkins**, **AWS (S3, EKS, RDS, etc)**. Designed, deployed, and maintained **K8s** clusters on **EKS**, **CI/CD** pipelines using **Jenkins**, **Git**, and **Docker** to automate the build, test, and deployment process. Participated in daily stand-ups and on call rotations to swiftly address and resolve incidents effectively. Held a Public Trust clearance with USCIS.

Full Stack Dev/DevOps Intern - INADEV

Jun 2022 – Dec 2022

Worked to develop a deduplication script using **Python**, making use of libraries such as **numpy** and **recordlinkage**. Worked to optimize algorithms and adapt to changing project requirements. This code has since been used in multiple government coding challenges and continues to see use by the company. Trained in **DevOps** to company standards in **Terraform**, **AWS**, **Docker**, **Kubernetes**, etc. to prepare for a transition to a full time **DevOps Engineer**.

Projects

Homelab/Server Machine - *Personal*

Devoting a significant portion of personal time to conceive, construct, and maintain a modest but sizable homelab infrastructure. Orchestrated an array of self-hosted services catering to personal and familial needs. Involves extensive work with **Networking**, **Jenkins**, **Kubernetes**, **Docker**, **Shell Scripting**, **Automation**, etc. Available over the internet via a nginx reverse proxy through a personally owned domain name, protected with Authelia and Cloudflare. Committed to ongoing learning and tinkering, with a focus on expanding proficiencies in DevSecOps and Self-Hosted Projects. Beginning work towards completing the "Kubernetes the Hard Way" course on github.

Skills

DevOps: Kubernetes, OCI, CI/CD, Cloud Computing, Solutions Architecture, Containerization, Docker, Jenkins, AWS (S3, EKS, RDS, CloudWatch, SQS, Shield, EC2, etc...), Rancher, Git, Shell Scripting, Linux Administration, Logging and Monitoring

Programming Languages: Python, JavaScript, Java, Groovy, ReactJS, C, C++, C#, CSS, PHP, HTML

Programming Concepts: Object-Oriented Programming, Data Structures, Procedural Programming, Git, Agile/Scrum methodology.

Certifications

AWS Associate Solutions Architect

Expires June 2027

OCI 2025 Certified Generative AI Professional

Expires July 2027

Professional References available upon request