

Career Objective

Seeking employment in DevOps, Site Reliability, or Software
3+ years experience

Skills

🔗 **Programming Languages:** C++, Python, Java, Groovy, Bash
🗣️ **Languages:** English ★★★★★, Japanese ★☆☆☆☆
📦 **Content Management:** Git, GitHub, GitLab, Artifactory, DockerHub
☸️ **Containers & Cloud:** Kubernetes, K3s, Docker, Ansible, Helm, AWS
🔄 **CI/CD:** Jenkins, GitHub Actions, GitLab CI/CD
⚙️ **Other:** Jira, Checkmk, Apache, Nginx, Traefik
🔒 **Security:** Keycloak, Vault, Authelia

Professional Experience

DevOps Engineer

February 2022 – Present

Jacobs Engineering - NASA

Kennedy Space Center, FL, USA

- Development and Operations for Launch Control Systems of Artemis I & Artemis II
- Provided CI/CD services using Jenkins and containers as build agents
- Static analysis and testing with Cobertura, CppCheck, Robot, and more
- Implemented new tools and container orchestration with Kubernetes
- Redesigned system architecture and fixed major issues

Software Engineer

October 2021 – February 2022

Kutta Technologies - Sierra Nevada Corp.

Huntsville, AL, USA

- Worked extensively with C++ and unmanned aerial control software
- Developed testing framework and messaging service to meet NATO requirements
- Followed operational security protocols to ensure safety of sensitive information
- Worked closely with a team of experienced veterans and engineers

DevOps Engineer

March 2020 – October 2021

University of Utah Center for High Performance Computing

Salt Lake City, UT, USA

- Developed cyberinfrastructure for scientific institutions across the world
- Used Docker, Kubernetes, and Helm to provide one-click scalable applications
- Added applications to the catalogue such as Open OnDemand, an HPC access portal
- Improved the CLI and API services used for deploying applications

Education/Certifications

B.S. Astrophysics

University of Utah

Aug 2016 – May 2021

Salt Lake City, UT, USA

CKA: Certified Kubernetes Administrator

The Linux Foundation

June 11 2023 - June 11 2026

Rockledge, FL, USA

Projects

Using SLATE to deploy Open OnDemand

February 2021 - Aug 2021

The SLATE project

Salt Lake City, UT, USA

- World's first kubernetes deployment of Open OnDemand with [Remote Desktop](#)