

## 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:** Keycloak, Vault, Jira, Checkmk, Apache, Nginx

## Professional Experience

### DevOps Engineer

Jacobs Engineering

February 2022 – Present

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

Kutta Technologies - Sierra Nevada Corp.

October 2021 – February 2022

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

University of Utah Center for High Performance Computing

March 2020 – October 2021

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. Physics

University of Utah

Aug 2016 – May 2021

Salt Lake City, UT, USA

- Astronomy & Astrophysics Emphasis

### CKA: Certified Kubernetes Administrator

The Linux Foundation

June 11 2023 - June 11 2026

Rockledge, FL, USA

## Projects

### Using SLATE to deploy Open OnDemand

The SLATE project

February 2021 - Aug 2021

Salt Lake City, UT, USA

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