

Career Objective

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

Skills

- 🔧 **Programming Languages:** C++, Python, Java, Bash
- 🗣️ **Languages:** English ★★★★★, Japanese ★☆☆☆☆
- 📦 **Content Management:** Git, GitHub, GitLab, Artifactory, DockerHub
- 🚢 **Systems Engineering:** Kubernetes, Docker, Ansible, Helm, AWS
- 🔄 **CI/CD:** Jenkins, GitHub Actions, GitLab CI/CD
- 🔐 **Other:** Keycloak, Vault, Checkmk, Apache, Nginx

Professional Experience

- DevOps Engineer** February 2022 – Present
Jacobs Engineering 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
 - Redesigned system architecture and fixed major issues in production
- 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

Projects/Certifications

- CKA - Certified Kubernetes Administrator** [In progress]
The Linux Foundation Rockledge, FL, USA
- 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](#)

Education

- B.S. Physics** Aug 2016 – May 2021
University of Utah Salt Lake City, UT, USA
- Astronomy & Astrophysics Emphasis