

Pierce H. Jorgensen

He/Him



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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** Aug 2016 – May 2021
University of Utah Salt Lake City, UT, USA
- CKA: Certified Kubernetes Administrator** June 11 2023 - June 11 2026
The Linux Foundation 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](#)