

## Professional Summary

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DevOps and Release Operations Engineer with 6+ years of experience automating infrastructure, building CI/CD pipelines, supporting production systems, and improving software deployment processes. Strong expertise in Ansible, Bash, Python, and Linux systems, with hands-on experience in configuration management, release engineering, observability, incident response, and root cause analysis. Proven success reducing deployment times by 70% and improving deployment reliability through automation and standardization.

## Key Skills

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**Automation/CI:** Ansible, Bash, Python, Jenkins, GitHub/GitLab

**Systems:** Linux (10+ yrs), SystemD, SSH, networking, user management

**Infrastructure:** Docker, LXC, VMware, Proxmox, ESXi

**Web/Databases/Observability:** REST, Flask, Apache, Nginx, MySQL, Zabbix

## Professional Highlights

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**Reduced deployment time by 70% by refactoring CI/CD pipelines and automating deployment workflows**

- Eliminated manual steps and improved deployment consistency across environments.
- Built internal tooling using Flask to dynamically generate deployment documentation.

**Engineered zero-downtime deployment workflows, reducing release cycles from hours to minutes**

## Professional Experience

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**C Squared Systems, LLC** - Auburn, NH

**December 2023 - April 2026**

*DevOps Engineer II*

- Designed and maintained Ansible automation supporting approximately 100 Linux servers across 30 client environments.
- Automated REST API interactions with Bash scripting, eliminating approximately 5 hours of manual work per week.
- Standardized deployment processes across environments to improve reliability and reduce configuration drift.
- Investigated failed deployments and production incidents across the application, infrastructure, and CI/CD layers, documenting root causes and corrective actions.

**Sig Sauer, Inc.** - Epping, NH

**July 2022 - December 2023**

*Armorer*

- Developed and documented standard operating procedures, improving team efficiency and process consistency.
- Applied structured troubleshooting, component-level diagnosis, inventory control, and documented procedures in a quality-critical environment.

**C Squared Systems, LLC** - Auburn, NH

**March 2020 - July 2022**

*Release Engineer II*

- Developed and refactored reusable Ansible roles to automate package deployment and system maintenance.
- Collaborated with engineering teams to troubleshoot deployment issues and improve release reliability and cadence.

## Projects

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**Infrastructure as Code for Personal Website**

*GitHub: Server Base Install*

- Provisioned and configured a self-hosted Linux website using Ansible, including web-server configuration, service management, user permissions, and repeatable deployment workflows.

**Arch Linux Server Configuration Repository**

*GitHub: Ansible Arch Installer*

- Created a Bash-driven, fully scripted Arch Linux server setup for rapid and repeatable system provisioning.
- Automated system configuration and service setup to maintain consistent server environments.

## Education

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**University of New Hampshire** - Durham, NH

**Graduated May 2019**

*Bachelor of Science: Physics - Astrophysics Concentration*

- Awarded competitive scholarships and inducted into National Physics Honor Society, Sigma Pi Sigma
- Contributing author on a paper submitted to the *Astrophysical Journal* - arXiv:1707.06676

**Manchester Community College** - Manchester, NH

**Graduated May 2013**

*Certificate: Automotive Systems & Technology*