

Jasper Woods

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SUMMARY

DevOps Architect with 14 years of experience shaping dependable **CI/CD engineering**, **cloud infrastructure**, and **developer enablement** for software and logistics organizations. Hands-on delivery spans Kubernetes, Terraform, **Infrastructure as Code**, Python, Azure DevOps, GitHub, Linux, Windows, Docker, YAML, Git, Jenkins, release automation, and observability. Leads architecture initiatives supporting approximately 700 developers, turning fragmented delivery practices into governed, self-service workflows that improve speed, efficiency, reliability, and consistency. Brings practical judgment to complex pipeline troubleshooting, platform design, incident resolution, and process improvement. Enjoys direct collaboration with developers and technology teams, coaching engineers through difficult decisions, and building small, capable teams that deliver meaningful operational change.

EXPERIENCE

Senior DevOps Architect

January 2022 - Present

CloudForge Systems

Fayetteville, AR

Own platform architecture and CI/CD engineering for delivery systems serving 700 developers. Guide Kubernetes, Azure, GitHub, Terraform, Python, and workflow standardization initiatives while partnering directly with application teams and operations leaders.

- Set **Kubernetes** delivery architecture for **700 developers**, aligning cluster patterns with product and operations needs.
- Rebuilt **Azure DevOps** and GitHub Actions templates with Python and YAML, standardizing testing and rollback paths.
- Established Terraform module controls across Azure subscriptions, reducing infrastructure drift between delivery environments.
- Resolved Kubernetes, **Windows**, **Linux**, secrets, and artifact failures through documented diagnostic playbooks.
- Introduced platform scorecards for lead time, failed releases, usage, and recovery trends, guiding architecture decisions.
- Coached engineers through **architecture reviews**, migration planning, and CI/CD troubleshooting within a small platform team.

DevOps Engineering Manager

May 2019 - December 2021

Riverstone Digital

Tulsa, OK

Managed a six-person DevOps group supporting Azure DevOps, GitHub, **Terraform**, Kubernetes, and customer-facing application delivery. Set road maps, improved **workflow consistency**, and coordinated development, security, and infrastructure partners during high-impact releases.

- Managed six engineers supporting **Azure DevOps**, **GitHub**, Terraform, and Kubernetes delivery foundations.
- Consolidated release practices into versioned templates with policy checks and promotion gates across 40 teams.
- Redesigned branching and deployment workflows with development leads, improving feedback **speed** and traceability.
- Built **Python** automation for provisioning, pipeline validation, and operational reporting, creating documented self-service paths.
- Coordinated Linux and Windows release incidents with developers, security personnel, and infrastructure specialists.
- Created architecture decision records prioritizing Kubernetes upgrades, Terraform standards, and developer experience improvements.

DevOps Engineer

June 2016 - April 2019

BlueRail Logistics

Kansas City, MO

Modernized delivery platforms for transportation planning and shipment visibility applications. Combined Azure DevOps, GitHub, Kubernetes, Terraform, Python, automated testing, and controlled promotion practices across mixed operating-system environments.

- Modernized **transportation** application pipelines with **Azure DevOps**, GitHub, testing, and controlled artifact promotion.
- Operated Linux Kubernetes workloads and Windows build infrastructure across multiple delivery environments.
- Authored Terraform configurations with variable validation and peer review, making Azure changes easier to audit.
- Developed Python utilities for release checks, repository metadata, and deployment notifications, removing manual workflow steps.
- Diagnosed failed builds and container defects directly with developers, producing actionable configuration changes.
- Documented CI/CD recovery procedures and ownership boundaries, improving engineering and production support handoffs.

Platform Engineer

July 2013 - May 2016

Cedar Peak Software

Des Moines, IA

Built platform automation for development, integration, and production environments across Linux and Windows systems. Established early Kubernetes patterns, pipeline components, GitHub review practices, and operational safeguards for a growing software portfolio.

- Built Linux and Windows automation supporting development, integration, and production release environments.
- Implemented Kubernetes patterns for containerized services with namespaces, health checks, and controlled rollouts.
- Created **Jenkins** and **Azure DevOps** components for compilation, testing, packaging, and deployment.
- Automated server configuration and diagnostic collection with Python and PowerShell across mixed operating systems.
- Introduced GitHub pull-request conventions and infrastructure reviews, improving change visibility for engineering teams.
- Converted recurring release failures into pipeline safeguards and operational runbooks through post-incident reviews.

Systems Engineer

MesaWorks IT

August 2012 - June 2013

Phoenix, AZ

- Administered Linux and Windows systems supporting development tools, scheduled jobs, test environments, and customer applications. Built foundational automation, troubleshooting documentation, and repeatable infrastructure procedures that prepared later CI/CD work.
- Administered Linux and Windows servers supporting development tools, test environments, and customer applications.
 - Wrote Python and PowerShell scripts for provisioning, log collection, health checks, and maintenance.
 - Investigated failed builds, dependency issues, permissions errors, and inconsistent environment settings.
 - Transitioned manually configured test environments toward documented, repeatable infrastructure procedures.
 - Maintained system inventories, change records, and troubleshooting guides used during releases.
 - Proposed automation opportunities during incident reviews, establishing foundations for later **CI/CD engineering**.

PROJECTS

Enterprise Developer Delivery Standardization 📅 2025

Created reusable CI/CD patterns, Terraform modules, Kubernetes onboarding guidance, and workflow scorecards for large engineering organizations. Focus centered on consistent delivery, clear ownership, safer releases, and practical developer self-service.

Logistics Platform Reliability Program 📅 2018

Improved delivery reliability for transportation applications through container operations, automated testing, artifact promotion, release checks, and recovery documentation. Work connected platform decisions with dependable customer-facing service.

LEADERSHIP & AWARDS

- Platform Engineering Excellence Award, CloudForge Systems, 2025
- Operational Reliability Recognition, BlueRail Logistics, 2018
- Technical mentor for Arkansas DevOps Community, 2023 - Present

EDUCATION

Bachelor's Degree in Information Technology

Arizona State University GPA: 3.6

2012

Tempe, AZ

Coursework: Systems Administration, Database Management, Network Security, Software Development

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA) 📅 2024
- HashiCorp Certified: Terraform Associate 📅 2023
- Microsoft Certified: Azure DevOps Engineer Expert 📅 2022

TECHNICAL SKILLS

- **Container Platforms:** Kubernetes, Docker, Helm
- **Cloud Platforms:** Microsoft Azure, Azure Subscriptions, Azure Resource Manager
- **CI/CD Platforms:** Azure DevOps, GitHub Actions, Jenkins
- **Infrastructure as Code:** Terraform, Terraform Modules, YAML
- **Programming and Scripting:** Python, PowerShell, Bash
- **Operating Systems:** Linux, Windows Server, Ubuntu
- **Source Control:** Git, GitHub, Pull Requests
- **Build and Release:** Automated Testing, Artifact Promotion, Release Gates
- **Reliability Engineering:** Observability, Health Checks, Recovery Runbooks
- **Architecture Practices:** Architecture Reviews, Decision Records, Platform Standards

SKILLS

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|--------------|--------------------------|------------------|------------------------|
| • Kubernetes | • Azure DevOps | • Windows Server | • Jenkins |
| • Terraform | • GitHub | • Docker | • Release Automation |
| • Python | • Infrastructure as Code | • YAML | • Platform Engineering |
| • CI/CD | • Linux | • Git | |

PROFESSIONAL AFFILIATIONS

- Arkansas DevOps Community, Technical Mentor, 2023 - Present

- Central Plains Cloud Native Meetup, Volunteer Workshop Facilitator, 2021 - Present

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST