

Jonathan Fair

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Professional Summary

Senior DevOps and Platform Engineer with 13+ years of experience designing internal developer platforms, CI/CD systems, and cloud-native infrastructure at scale. Own a DevOps as a Service platform delivering self-service infrastructure, CI/CD, RBAC, and integrated security with automated lifecycle management for 80+ applications. Strong background in Kubernetes ecosystems, Ansible-based infrastructure automation, and container supply-chain hardening. Full-stack development experience including Python, Go, Node.js, React, Angular, Spring Boot, and Rust.

Core Competencies

Internal Developer Platforms | CI/CD Architecture | Application Security Scanning | Infrastructure as Code | Kubernetes & Service Mesh | Container Supply-Chain Hardening | Secrets Management | Disaster Recovery Automation | AI-Augmented Engineering | Full-Stack Development

Technical Skills

AI & Agentic Tooling:

GitHub Copilot, Claude Code, Codex, OpenCode, Custom Agent Skills, MCP

Languages:

Python, Go (Golang), Rust, JavaScript (ES6+), Shell (Bash/Zsh), PHP, Perl

Frameworks & Application Stacks:

Spring Boot, Flask, Node.js, React, Angular, Envoy, Gatsby, Docusaurus

Container & Orchestration:

Docker, Kubernetes, Helm, Rancher, Kubernetes Gateway API, Kong, Istio, Velero

CI/CD & DevOps Tools:

Azure DevOps Pipelines, GitHub, Ansible, JFrog Artifactory, Checkmarx (SAST/SCA), CrowdStrike, Gitleaks, CyberArk Conjur

Monitoring & Observability:

Splunk, Sysdig

Professional Experience

NetApp – Senior DevOps Engineer (2019 – Present)

- Own and develop a versioned CI/CD pipeline platform on Azure DevOps supporting 10+ application stacks (Flask, Spring Boot, Node.js, React, Angular, Golang, Rust, Envoy, Nginx) with standardized build, test, scan, and deploy stages for 80+ applications.
- Architect and maintain security scanning integrations including Checkmarx SAST/SCA/Containers, and Gitleaks secret detection across all pipelines.
- Lead container supply-chain hardening by migrating application base images from Alpine/Debian to Chainguard Wolfi and SUSE BCI across all supported stacks.
- Implement Kubernetes Gateway API migration from Kong Ingress, configuring per-stack timeouts, domain routing (internal, external, DBaaS), and retry policies.
- Build and maintain Ansible-based infrastructure automation for RKE2 cluster management, workspace provisioning and decommissioning, CyberArk Conjur secrets synchronization, and namespace lifecycle operations.
- Design and operate disaster recovery automation including Velero backup/restore orchestration, database backup pipelines (MariaDB, PostgreSQL, MongoDB, Redis), and DNS failover procedures.
- Develop internal CLI tooling (dpxctl, rancher-kubegen) and a Docusaurus-based documentation portal to improve developer onboarding.
- Integrate CyberArk Conjur for secrets injection into Helm deployments and pipeline stages, with automated sync and error handling.
- Extensively use agentic AI assistants such as GitHub Copilot to accelerate day-to-day engineering tasks including managing and troubleshooting JFrog Artifactory, configuring and patching VMs, troubleshooting Kubernetes clusters, creating and maintaining CI/CD pipelines, building, testing, and remediating vulnerabilities within microservices, and managing work items. Created custom agent skills for all day-to-day tasks to maximize efficiency and consistency across every area of responsibility.
- Design and build MCP servers and developer tooling to streamline workflows, improve developer experience, and increase productivity across development teams.

NetApp – Systems Engineer, Tools & Monitoring (2015 – 2019)

- Developed automation frameworks using Python and Shell to eliminate manual operational workflows.
- Built internal web applications using PHP, MySQL, JavaScript, HTML5, and Bootstrap.
- Managed and maintained Unix-based environments supporting monitoring and SLA-driven services.
- Partnered with cross-functional teams to improve monitoring visibility and operational efficiency.

NetApp (Zensar/Akibia) – Data Center Operations Engineer (2012 – 2015)

- Managed highly available server, storage, and network infrastructure in enterprise data center environments.
- Supported deployment of new server, storage, and networking hardware.
- Developed internal monitoring tools and authored operational documentation to streamline global processes.

Education

Associate Degree, Information Systems Security – Cosumnes River College (2013)

Calvary Christian School – Graduated 2007