

Jeff Cook

»» Engineering Leader / Platform Builder

»» Over 15 Years Professional Experience

Selected Engagements

DeepSee.ai — Cloud Systems Lead

March 2020 – September 2020 • Lehi, UT

KEY TECH: AWS, Python, GitHub Actions, Terraform, Gradle, Docker, bash, git

- Led integration of bleeding-edge GitHub Actions pipeline, **enabling instant CI/CD straight from GitHub → AWS.**
- Automated and managed CloudOps throughout the AWS Organization, including **AWS Lambda, CloudFormation, Route53, CloudTrail, IAM,** and other core cloud infrastructure.
- Optimized and unified diverse build systems to facilitate **true cloud-native deployments** for components built with Kotlin, Spring Boot, React, Scala, and more.

Cornerstone OnDemand — Principal DevOps Engineer

March 2019 – March 2020 • Sandy, UT / Santa Monica / San Francisco

KEY TECH: AWS, CloudFormation, Jenkins, Python, haproxy, shell, git

- Architected and implemented transition from an unmaintained Mesos cluster to a **fully automated, dynamically generated Amazon Fargate infrastructure** with one-click rebuild and comprehensive self-healing abilities.
- Worked closely with other groups to **architect, build, and integrate full-stack CI/CD pipeline tooling.**

Willis Towers Watson — System Infrastructure Team Lead

July 2018 – March 2019 • South Jordan, UT

KEY TECH: SaltStack, VMWare, NetApp, PowerShell, Python, C#, Azure.

Description snipped for space.

WildWorks — Principal DevOps Architect

Jan 2014 – Feb 2018 • Remote from Florida

KEY TECH: AWS, Kubernetes, Docker, Java, WebGL, Ruby, Go, Linux.

- Developed and supervised systems that runs Animal Jam, an online multiplayer game with **>500,000 daily active users.**
- Key role in the early adoption of **Docker and Kubernetes,** converting all production systems to containers and pods.
- Major work on **WebGL game engine** using Haxe and OpenFL.

Contact Information

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Skills

- ✓ **Platform leadership** through **cross-functional teams** traversing many stacks and systems.
- ✓ Soup-to-nuts architecture of **scalable platforms, servers, and software,** handling **millions of concurrent users.**
- ✓ Project leadership, management, and team coordination.
- ✓ DevOps and infrastructure-as-code for the cloud era: **production deployments of Kubernetes, Fargate, and more.**
- ✓ Open-source participation, including patches to the **Linux kernel, The WINE Project, and WebKit.**
- ✓ Infrastructure rapid incident response: alert management, uptime monitoring, on-call rotation.
- ✓ Full-stack **security hardening and performance optimization.**
- ✓ Comprehensive system performance monitoring: distributed tracing, APM, log aggregation, filtering, and alerting.

Recent Awards

- ★ **Netdata Contributors of the Month Club Award, June 2020**

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