



Jeff Cook

» Full-Stack Platform and System Developer

» Over 15 Years Professional Experience

Selected Engagements

Willis Towers Watson — System Infrastructure Team Lead

July 2018 – PRESENT • South Jordan, UT

KEY TECH: **SaltStack**, **VMWare**, Docker, Python, MacOS, Windows/Azure.

- Designed and deployed **high-level software and infrastructure-as-code initiatives**, working in conjunction with other senior technical leadership.
- Driving force in pursuing a “hybrid cloud” migration model, maximizing value by combining existing resources with new benefits of cloud platforms.
- Led teams of software and platform engineers charged with **core infrastructure stability** and deployments, providing the foundations for **migration to a domain-driven design model**.

WildWorks — Principal DevOps Architect

2014 – 2018 • Remote from Florida

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

- Developed and supervised the infra that runs Animal Jam, an online multiplayer game with **over 500,000 daily active users**.
- Key role in transition from bare metal servers to AWS.
- Key role in the early adoption of **Docker and Kubernetes**.
- Major work on WebGL game engine using **Haxe** and **OpenFL**.

Progressive Finance — Sr. Director of Software Dev

2013 • South Jordan, UT

KEY TECH: **C#**, **ServiceStack**, **SQL Server 2012**, ASP.NET MVC, WCF.

- **Led architecture and dev on a new platform** for critical business functions, creating a **secure API** and modern mobile apps.

Deseret Technology LLC — Founder, Lead Engineer

2007 – 2015 • Salt Lake City, Utah

KEY TECH: **Python**, **Ruby on Rails**, **PHP**, **Bitcoin**, .NET 2.0, Android.

- Solved our client's **most challenging technical problems**.

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**.
- ✓ Open-source contributions and community participation, including patches to the **Linux kernel**, **The WINE Project**, and **WebKit**.
- ✓ Project leadership, management, and team coordination.
- ✓ DevOps and configuration-as-code for the cloud era: **SaltStack**, **Ansible**, **Terraform**, and **Kubernetes**.
- ✓ Sysadmin on Linux, FreeBSD, illumos, and Windows servers.
- ✓ Infrastructure rapid incident response: **alert management**, **uptime monitoring**, **on-call rotation**.
- ✓ API design and implementation under multiple paradigms.
- ✓ Full-stack **security hardening** and **performance optimization**.
- ✓ Negotiation and relationship management.

This resume has been kept to a single page out of respect for the reader's time.