




# Jeff Cook

Contact Information

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<https://jeffcook.io> 

[On Request] 

» Full-Stack Platform and System Engineer

» Over 15 Years Professional Experience

## Engagement Showcase

### **StrongStrata LLC — Founding Architect and Engineer**

Feb 2018 – PRESENT • Orlando, FL

KEY TECH: **Linux, Kubernetes, Docker, Ansible, AWS, libvirt, KVM, ZFS.**

- Designed, directed, and executed **high-impact platform initiatives** with senior business and technical leaders.
- Wrote custom software to analyze client platforms, exposing **large operational savings** and **efficiency improvements**.
- Leveraged cloud-native tech like **Kubernetes, Docker, and Google Cloud** to manage and scale client infrastructure.

### **WildWorks — Principal DevOps Architect**

2014 – 2018 • Remote from Florida (SLC HQ)

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 Amazon Web Services (AWS). Managed **thousands of systems** and resources.
- Key role in the deployment of **Docker and Kubernetes**; system has been in prod for over 2 years as of May 2018.
- 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 replacing legacy thick clients with **modern mobile and web 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**.

## Skills

- ✓ **Platform design** across 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: deployed **Docker 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 with vendors.

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