

WESLEY SPIKES

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SUMMARY

An accomplished software engineer and architect with a passion for leadership, security, systems, and mentoring. I seek out challenges as opportunities for growth, handle ambiguous situations well, and can break down complex problems into creative solutions with actionable tasks.

TECHNICAL STRENGTHS

Computer Languages	Perl, Bash, Python, Ruby, L ^A T _E X
Operating Systems	Linux (Debian, Ubuntu, Gentoo), OS X, Windows
Software	Apache, Chef, Nginx, git, vim, MySQL, Jenkins, Gerrit, KVM
Concepts	Application Security, CI/CD, Systems Configuration

EXPERIENCE

Sabbatical

Sep 2016 - Present

- Successfully achieved many of the goals personally set at DreamHost; took a six-month sabbatical.
- Learning C# and Unity to mentor someone new to development.
- Set up a personal lab within home office including four physical servers.
- Reverse engineering software and embedded firmware.

DreamHost

Senior/Lead Software Engineer

Oct 2014 - Aug 2016

Los Angeles, CA

- Managed two direct reports.
- Coordinated with other teams including Systems Engineering, Security, Support, and Corporate IT.
- Managed core development infrastructure, including Gerrit and Jenkins.
- Entrusted with various sets of secure credentials. Primary maintainer of deployed credentials.
- Post-exploit incident response.
- Modernized deployment of the primary codebase and its dependencies (fully documented), cutting deployment time down from 20 minutes to around 45 seconds.
- Technical and architectural lead on the DreamPress 2, VPS-SSD, and Malware Remover projects.
- Very active in internal bug bounty program; reported several notable issues.

DreamHost

Software Engineer

Jan 2011 - Oct 2014

Los Angeles, CA

- Configuration management using both Chef and in-house systems.
- Projects included the launch of mod_pagespeed (beat competitors to market) and the transition from subversion to git (including documentation and internal support).
- Major contributions to the foundations/core of an old codebase (1997), without breaking production.
- Notable contributions to the billing systems, thereby improving its resilience and extensibility.
- Created detailed documented how the fraud detection systems worked.
- Researched and documented many obscure settings and flags of the systems.
- Fixed multiple security issues in the codebase.
- Introduced CI processes from end-to-end, including: initial research/prototyping, getting buy-in, implementation, training, and supporting the new system.

DreamHost*Technical Support*

Nov 2009 - Jan 2011

Los Angeles, CA

- Specialized in resolving complex, ongoing problems where it was difficult to find the root cause.
- Diagnosed abnormally high load systems and troubleshoot customer websites.
- Configured systems - Linux-VServer, DNS, Apache, Nginx, users, and PHP.
- Maintained a 99% customer satisfaction rate.

Page Provider*Systems Administrator*

Dec 2006 - Nov 2009

Rancho Cucamonga, CA

- Startup hosting provider.
- Built and deployed custom kernels and software for colocated customers.
- Provisioned and deployed servers and services.
- Configured and managed Apache, users, and databases.