

WESLEY SPIKES

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SUMMARY

I like challenges. I'm looking for an opportunity for growth, I handle ambiguous situations well, and I can break down complex problems into actionable tasks. (This section is still being written.)

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

- Having successfully achieved many of the goals personally set at DreamHost, took a 6-month sabbatical.
- Learning C# and Unity to mentor someone new to development.
- Set up a personal lab in home office with 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.
- Thoroughly documented how the fraud detection systems worked.
- Researched and documented many obscure settings and flags of the systems.
- Fixed many 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 tackling unresolved problems, where it was especially 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.
- Helped customers with a 99% satisfaction rate.

Page Provider*Systems Admin*

Dec 2007 - Nov 2009

Rancho Cucamonga, CA

- Small, 1-rack 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.