

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.

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

Personal Break

Sep 2016 - Present

- Took a 6 month break, to travel, recharge, and explore LA. Best decision.
- Learned some C# and Unity to mentor my youngest brother, who wants to get into game development.
- Set up a personal lab in my office with 4 physical servers.
- Reverse engineering software and embedded firmware.

DreamHost

Senior/Lead Software Engineer

Oct 2014 - Aug 2016

Los Angeles, CA

- Managed two direct reports.
- Inter-team coordination with Systems Engineering, Security, Technical 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 it's 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.
- Order of Baku - Very active in internal bug bounty program, reporting several notable issues.

DreamHost

Software Engineer

Jan 2011 - Oct 2014

Los Angeles, CA

- Configuration management using both Chef and our in-house system.
- Projects included the launch of mod_pagespeed (beating 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, improving it's resilience and extensibility.
- Thoroughly documented how the fraud detection systems worked.
- Researched and documented many obscure settings and flags of the systems, which were depended on without knowing what their function.
- Fixed many security issues in the codebase.
- Introduced CI processes from end-to-end – initial research/prototyping, getting buy-in, implementation, training, and finally supporting the new system.

DreamHost*Technical Support*

Nov 2009 - Jan 2011

Los Angeles, CA

- In those days, Support was functionally similar to that of Junior Systems Admin.
- Specialized in tackling problems others avoided, where it was especially difficult to find the root cause.
- Diagnosing loady systems and troubleshooting customer websites.
- Configuring systems - Linux-VServer, DNS, Apache, Nginx, users, and PHP.
- Helping customers with a 99% satisfaction rate.

Page Provider*Systems Admin*

Dec 2007 - Nov 2009

Rancho Cucamonga, CA

- Small, 1-rack hosting provider.
- Building and deploying custom kernels and software for colocated customers.
- Provisioning and deploying servers and services.
- Configuration and management of Apache, users and databases.