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, LaTeX
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

· After successfully achieving many of the goals I set out at DreamHost, I took a 6 month sabbatical.
· Learned some C# and Unity to mentor someone new to development.
· Set up a personal lab in my office with 4 physical servers.
· Reverse engineering software and embedded firmware.

DreamHost   Oct 2014 - Aug 2016
Senior/Lead Software Engineer   *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.
· Very active in internal bug bounty program, reporting several notable issues.

DreamHost   Jan 2011 - Oct 2014
Software Engineer   *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.
· Throughly 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

· 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.