WESLEY SPIKES

3767 Clarington Ave, Apt 320 ⋄ Los Angeles, CA 90034

909.815.1079 ⋄ wesley.spikes@gmail.com

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.

I am seeking a challenging senior technical or leadership role at a forward-thinking company.

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

· Successfully achieved many of the goals personally set at DreamHost; took a sabbatical.
· Learning Go for my own growth.
· Built an interpreter for an esoteric programming language.
· Building a tool to analyze a SSL/TLS x509 certificate and return it's trust chain.
· Learning C# and Unity to mentor someone new to development.
· GENERAL:
· Set up a personal lab within home office including four physical servers.
· Reverse engineering software and embedded firmware.

DreamHost   Oct 2014 - Aug 2016
Senior/Lead Software Engineer   *Los Angeles, CA*

· Managed two direct reports.
· FIXME: Maybe tell a one-line story here about how DreamHost engineering was small, and I wore many hats?
· Projects from napkin: DreamPress (???) Website Malware Remover (S-Dev) VPS Relaunch (1.5) (S-Dev) Atmail (S-Dev) Integration with existing databases Pushout Revamp (S-Dev) Core/Servicectl (M-Dev, S-Dev) Core DB/ORM work (M-Dev, S-Dev) Dedi Relaunch (M-Dev) CafeCommerce (M-Dev) VaultPress (M-Dev) Jenkins/Testing Culture (M-Dev) FIXME: Do I have any other projects in my notebooks?
· GENERAL:
· 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 security bug bounty program; reported several notable issues.

DreamHost   Jan 2011 - Oct 2014
Software Engineer   *Los Angeles, CA*

· (See projects in SrDev header, maybe something useful there.)
· GENERAL:
· 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   Nov 2009 - Jan 2011
Technical Support   *Los Angeles, CA*

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

Page Provider   Dec 2006 - Nov 2009
Systems Administrator   *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.