

WESLEY SPIKES

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SUMMARY

I'm just me; I like challenges. I'm for an opportunity for growth, I handle ambiguous situations well, and I can break down complex problems into actionable tasks.

TECHNICAL STRENGTHS

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|---------------------------|--|
| 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 | Information Security, Web Application Security |

EXPERIENCE

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| Personal Break | Sep 2016 - Present |
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- 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 living room with 4 servers.
- Reverse engineering hardware/embedded firmware for fun.

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|--------------------------------------|------------------------|
| DreamHost | Feb 2015 - Aug 2016 |
| <i>Senior/Lead Software Engineer</i> | <i>Los Angeles, CA</i> |

- Managed two direct reports.
- Inter-team cooperation with Systems Engineering, Security, Technical Support, and Corporate IT.
- Managed core development infrastructure (including Gerrit, Jenkins, and other dev hosts)
- Entrusted with various sets of secure credentials. Primary maintainer of deployed credentials.
- Post-exploit incident response
- Modernized how the primary codebase and it's dependencies were deployed (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.

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|--------------------------|------------------------|
| DreamHost | Jan 2011 - Feb 2015 |
| <i>Software Engineer</i> | <i>Los Angeles, CA</i> |

- Configuration management a la Chef
- 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 and what it checked for.
- Researched and documented many obscure parameters and features of the systems that we'd depended on without knowing what they actually did or how they worked.
- Fixed several security issues in the codebase.
- Introduced and implemented CI processes, from end-to-end (implementation, buy-in, support, etc etc)

DreamHost

Nov 2009 - Jan 2011

*Technical Support**Los Angeles, CA*

- In these days, Support was functionally similar to that of Junior Systems Admin.
- Specialized in tackling problems others avoided, where it was 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

Dec 2007 - Nov 2009

*Systems Admin**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.