

ADAM K. LOGHRY

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SUMMARY

Versatile engineer working in cloud computing and currently focusing on hard problems in the systems, networking, and security problem domains. I am seeking a fast-paced and competitive organization to be a part of and continue building amazing things for my customers.

EMPLOYMENT HISTORY

Google (Seattle, WA) *Engineer* – 2014-Present

I began working at Google in Site Reliability Engineering (SRE) in 2014.

Amazon Web Services, Amazon.com (Seattle, WA) *Engineer* – 2007-2014

I held various titles during my 6+ years at Amazon (Software Development Engineer, Systems Engineer, Network Engineer, etc.), where I predominantly worked in engineering roles. I have served on several different teams:

- *04/2013 - 05/2014*: I am currently working on EC2 Network Security team as a Software Development Engineer (SDE), responsible for software architecture for several important components (predominantly written in Python) of the internal control plane of a mission critical EC2 networking service.
- *06/2011 - 05/2013*: During this period I worked on AWS Identity and Access team, focusing on scaling/operational excellence and security for all AWS products. My work here was focused on building a new operationally-centric team and working on design/architecture for a future AWS service.
- *02/2010 - 06/2011*: I transitioned to Amazon's Kernel and Operating Systems team, where I was responsible for security-related tasks on the Amazon Linux project and other critical work related to the support of very large scale-systems. At this time I designed and implemented a monitoring system for the Amazon Linux AMI which remains in use today.
- *10/2008 - 02/2010*: My work transitioned from Network Engineering at this stage, and I worked as a Systems Engineer on the Infrastructure Systems Products team. I was personally responsible for designing and authoring software that is currently in use today to monitor and deploy Amazon's mission-critical load balancers (and other related infrastructure), as well as serving as being involved in some degree of support for the internal infrastructure of the retail web site, www.amazon.com.
- *12/2007 - 10/2008*: Network Engineer on the Technical Operations team, part of a team responsible for maintaining network/systems sanity and overall keeping everything up and running. Specialties were L2 Networking, Perl and Automation. During my role on this time I wrote automation software that reduced team workload by 80% (or greater in some cases), which is still in use today.

Not all of my work at Amazon has been technical, and I have also worked as a technical leadership figure in other ways:

- *Recruiting*: I am currently acting as a “Bar Raiser”, an important part of Amazon’s

internal recruiting program. I have performed over 500 interviews during my time at Amazon.

- *Operational Excellence:* I have spent time in a voluntary on call rotation, Amazon's "Call Leader" program, to aid in quick recovery during large scale service outages. I have also led training and mentoring on how engineers can quickly and efficiently respond to service outages.
- *Mentorship and Employee Development:* I have directly mentored over a dozen junior engineers all over the company, and led trainings and talks for other teams.
- *Management:* Briefly (6-8 months) managed a team of talented new engineers as our organization was building out a new operational support team.

CBS MaxPreps (Cameron Park, CA) *Senior Network Engineer* – 2005-2007

Originally a startup, this company was acquired by CBS in Q2 2007; continued with normal duties as well as leading a large technical migration from pre-acquisition systems to the CBS network. My work there included:

- Designed and maintained a hybrid network consisting of Foundry (now Brocade) and Cisco equipment to support a Windows Server 2003-based server network. Implemented a low-cost, redundant load balancing solution for main website based on the Foundry ServerIronXL line.
- Upgraded an antiquated network to more scalable and modern standards with zero downtime. Created and maintained a networking budget, successfully achieving maximum network availability while remaining cost-effective.
- Responsible for managing all infrastructure related issues, was available 24/7 to prevent any loss of uptime. Created and maintained vendor relationships, managing the bidding process on all major purchases.

SimpleTelecom (Reno, NV) *Systems/Network Administrator, VoIP Engineer* – 2004-2005

SimpleTelecom was a startup that closed its doors in 2005, with the mission of providing affordable voice calling to its end users as well as operating in the wholesale VoIP termination market.

- Configured and tested VoIP origination and termination systems for use in a production environment. Designed and implemented highly flexible network monitoring solutions to deal with wide array of differing machines, and differing problems.
- Responsible for designing and implementing a network plan involving F5 Loadbalancers, Cisco, and FreeBSD machinery. Maintained maximum uptime throughout repeated changes, and prevented any technical problems from harming business logic.

OTHER EXPERIENCE

- Ran a phone/voice hacking event (the "phreaking" contest) at DEFCON 15 (2007) and DEFCON 16 (2008). The contest was powered by Asterisk and consisted of a series of games, including DTMF Tic-Tac-Toe, DTMF Simon, and Speed Dialing.

REFERENCES AVAILABLE UPON REQUEST