

Joe Smith

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PROFESSIONAL EXPERIENCE

- Staff Engineer, Slack** Apr 2016 - Present
Build and run the systems that run Slack.
- Technical Lead, Staff Site Reliability Engineer, Twitter** July 2012 - Apr 2016
Grew Twitter's Aurora and Mesos clusters from less than 100 machines to tens of thousands.
Drove the migration for hundreds of services from bare metal machines onto Aurora with Twitter Eng.
Built critical automation and release pipeline with Jenkins, Puppet, and thousands of lines of Python.
Architected and shipped continuous improvements to reliability and operability for Aurora and Mesos.
Led tens of incident remediations and postmortems related to these Tier 0 services.
Introduced SRE and DevOps best practices as one of the first SREs at Twitter.
- Internal Technology Resident, Google** Aug 2010 - Jul 2012
Desktop support in Mountain View, Boston, and Zurich- Linux, OS X, Networking, VC.
Built production infrastructure, release process, and GWT code with Support Engineering.
Infrastructure engineer, technical project manager for an internal dashboard for the entire Support Org.
Upgraded several non-profit organizations onto Google Apps with the Gcorps team.
Mentored two new classes of ITRP teammates on development at Google.
- IT Development Intern, Dreamworks Animation SKG** Jan 2010 - Mar 2010
Act as QA technician on a mission critical Java EE enterprise stack for Casting/Budgeting.
Develop new modules and features using Spring, Hibernate, and ZK frameworks.
Create automated tests using Selenium Remote Control to aid regression testing.
- Student Network + Systems Admin, Chapman University IS&T** Mar 2007 - May 2010
Proficient with switches, APs, minicom, nagios, expect, ssh, dhcp, dns, and arcane shell knowledge.
Maintained, monitored and documented the campus network of 6000+ students and 500+ faculty and staff.

SKILLS

- Programming Languages**
Python using pants and pex, basic knowledge of PHP, Java, Swift, Objective-C
- Operating Systems**
CentOS, Mac OS X, Ubuntu Server
- Web Development and Systems Administration**
Bash, Puppet, Chef, RPM, Apache, MySQL, HTML, L^AT_EX

EXTRACURRICULAR ACTIVITIES

- President, Chapman University ACM** Aug 2007 - May 2010
Built, installed, and maintained a Linux lab on campus running Ubuntu 8.04.
Presented and hosted weekly hack nights, tutorials, as well as student and industry presentations.
- Ubuntu Member and Community Leader, Ubuntu California Local Community Team** Jul 2007 - Feb 2011
Led the team of 20 members, hosted bi-annual release parties and Global Bug Fix events.
Managed the exhibitor booth at SCaLE6x and SCaLE7x.
- Community Relations Committee, Southern California Linux Expo** Feb 2008 - Feb 2011
Recruited Open Source projects to present at expo booths.
Managed the show floor and put out fires during the conference.
- Campus Rep, Mozilla Firefox** Aug 2007 - May 2010
Utilized Bugzilla, Litmus, CVS, HG, diff, patch, and other development tools.
Organized and hosted bi-annual Open Source Awareness events and monthly Bug Fix days on campus

EDUCATION

- Chapman University, Orange, CA May 2010
Bachelor of Science, Computer Science
Provost's Scholarship, Dean's List, Chancellor's List