

Stephen Weeks

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Work Experience

IMVU Sysadmin, April 2010 - Present

- On a team of five maintaining a cluster of approximately 700 servers providing service to approximately 100k concurrent users.
- Regular on-call shifts with a 15 minute SLA.
- Wrote new tools in Perl to manage infrastructure and automation.
- Reduced complexity and increased test coverage of configuration management.
- Trained engineers for production access in devops roles.

Guru Labs Instructor, July 2007 - April 2010

- Taught week-long linux sysadmin classes, both entry level and advanced, for Red Hat, IBM, HP, Oracle, others.
- Classes I've taught include: Linux Fundamentals, Enterprise Linux System Administration, Enterprise Linux Networking Services, Linux Troubleshooting, Shell Scripting, Learning Perl, Linux for Unix Administrators, Red Hat Networking and Security Administration.
- Consistently high ratings on student feedback in all levels of classes.
- Developed courseware for new topics.
- Implemented and maintained Asterisk PBX.
- Produced automation tools to aid courseware development.
- Produced tools to extract questions from courseware and administer in-class exams.

Iodynamics Junior Engineer, March 2005 - July 2007

- Iodynamics was an IT consulting firm; I worked on a wide, rapidly-changing variety of projects, including the following:
- Maintained network infrastructure and web, email, and file servers for local small businesses.
- Developed and customized web applications using Apache, mod_perl, PostgreSQL, and PHP.
- Responded to security compromises, including rebuilding the compromised system and providing or implementing recommendations for improved security.

Skills

Programming and Markup Languages

- Proficient with Perl, C, bash, regular expressions, SQL.
- Some experience with Haskell, Python, Ruby, PHP, JavaScript, HTML, CSS.

Tools and Systems

- Proficient with Apache, Nginx, MySQL, Redis, Memcached, Nagios, iptables, OpenSSH, BIND, git, PXE, linux kernel and userland.
- Some experience with SELinux, Auditd, Postfix, Sendmail, PostgreSQL, NFS, Samba, Subversion, OpenLDAP, Kerberos, SQUID.