Jai Dhyani
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Democratic National Committee

2011-2013: Systems Administrator
2013-Present: Lead Systems Administrator
Deployed, administered hundreds of servers, databases, networking appliances
Built and maintained scalable infrastructure on AWS
Coordinated with OFA to build and maintain systems, including:

- Narwhal, Vertica, Call Tool, and GottaRegister, among others

Built and deployed systems for Summer Organizers, Democrats Abroad, and others
Built custom in-house tools
Responded to incidents and emergencies 24/7
330 Electoral Votes and 25/33 Senate races

Appliance Builders Wholesalers

2008-2010: Chief Technology Officer
All IT-related responsibilites for a small company of 50+ users in 4 locations

Research

2007: University of Chicago, Speech Synthesis
2006: Rutgers DIMACS, Support Vector Machines

Skills

Linux:

- Ubuntu (8 years), including personal machines and servers
- CentOS (2 years); Enterprise and personal

Languages:

- Python: Extensive experience, including SciPy, Boto, NLTK. Used in business environments and for personal hobbies.
- Shell scripting/Bash: Mostly scripting for systems administration
- Ruby, PHP: Deploying, managing, and debugging in an enterprise environment
- C, C++, Java, Lisp/Scheme: Educational use, with limited enterprise experience
- Limited experience with: Scala, Go, ML, others

Systems:

- Databases: MySQL, PostreSQL, Vertica, Mongo
- Networking: Juniper, HP, Cisco, F5 appliances; Firewalls, VLANs, STP, BGP; CDN management
- Virtualization: Xen, VMWare, EC2
- Software: Apache, Nginx, Memcached, Git, Postfix, Nagios, Cacti...
- AWS: Large-scale programmatic experience with an emphasis on automatic scaling

Education

University of Chicago, 2009
Computer Science
Focus on Artificial Intelligence and Machine Learning

Hobbies and Misc

Project Euler
Google Codejam 2010, top 2000 worldwide
http://github.com/jaibot
University of Chicago ACM, 2006-2009
ICPC University of Chicago 2007, team "Works in Theory"