

James Sanford

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NOT CURRENTLY SOLICITING OFFERS, FOR REFERENCE ONLY

Overview:

UNIX Systems Engineer

- Automation of Solaris and Linux based infrastructures
- Troubleshooting complex systems, from source code to protocol to packets.
- Mentor to coworkers learning UNIX

Skills:

Programming fluency in C, Perl, shell script, and Expect/TCL. CVS, gdb, gprof, and related tools.

Comprehensive knowledge of DNS, NFS, NIS, NIS+, tcpdump, Jumpstart, Cfengine, Apache, sendmail, qmail, MySQL. Also, storage systems using EMC Symmetrix, Veritas Volume Manager, and Veritas NetBackup.

Network Engineering skills with Cisco, designing networks with OSPF, BGP, NAT, firewall, ATM.

Professional Experience:

Cluster Systems Administrator

Google Inc, Mountain View, CA

October 2005 –

- Cluster Systems Administrator.

Email Abuse Engineer

Critical Path, San Francisco, CA

January 2003 – March 2005

- Perl tools to filter email based on usage patterns and logfile analysis.

Senior UNIX Systems Administrator

Critical Path, San Francisco, CA

December 1999 – May 2002

- Custom software distribution system to maintain consistency across 500 servers.
- Storage system management, high volume system with Sun Enterprise, EMC, Veritas.
- Instruct System Operators on design philosophy, complex troubleshooting, and performance optimization.

UNIX Systems Administrator/Network Engineer

Infinity AccessNET Minneapolis, MN

August 1996 – September 1999

- Sole UNIX/Networking employee at 6 person Internet Service Provider.
- Custom sendmail delivery agent to provide virtual email.