

Gabriel Ortiz

Information Technology Polymath

3909 Goodrich Ave NE
Albuquerque, NM 87110
(505) 615-3023
gabe@signalnine.net

Objective

Seeking a position as a systems analyst or information technology specialist. I offer over ten years of systems and user level support expertise, including knowledge of Linux, FreeBSD, and Solaris systems administration: NFS, NIS, DNS, Postfix, Sendmail, Exim, Postfix, Mailman, Apache, MySQL, PostgreSQL, LDAP, firewalls (Nokia, iptables, pf), network topology and engineering, wireless deployment, Cisco IOS, x86, ARM and RISC-based hardware, shell scripting, backup technologies such as Amanda and Veritas as well as a background in dynamic content management programming utilizing SQL, PHP, Python, Ruby and Perl. My background is primarily in Linux and Solaris-based systems, but I'm comfortable with Microsoft and Apple environments.

Work Experience

Contractor

10/2008 - Present Tau Technologies, LLC, Albuquerque, NM

I provide system-level support of Linux servers and desktop machines for Tau. I also maintain DNS, NFS, DHCP, database, authentication, version control, and backup servers. I designed, built and deployed a Debian-based diskless cluster for simulation of energy weapons systems.

Founder / CTO

4/2008 - Present Rarefied Technologies, Inc., Albuquerque, NM

Rarefied Technologies uses advanced linguistic classification algorithms to do semantic analysis and text classification for social media. As founder, I've developed the patent-pending software technology powering our products as well as a scalable cloud-based infrastructure to support their deployment.

Systems Administrator

4/2007 - 4/2008 Samba Holdings, Inc., Albuquerque, NM

Responsible for providing system-level support and designing and implementing all network infrastructure, I built and maintained web, email, DNS, DHCP, SAN, NAS, database, firewall, authentication, application, software development and backup servers in a mixed Linux and Windows environment. I supported the engineering team in performance tuning and scaling our infrastructure to meet the rapid growth and increasing sophistication of our products, primarily by introducing virtualization and high-availability load balancing.

Systems Analyst II

8/2005 - 4/2007 University of New Mexico, Albuquerque, NM

Responsible for providing system-level support of UNIX based resources, hardware and software tools, including installation, configuration, maintenance, and support of these systems. I maintain web, email, DNS, NFS, DHCP, database, authentication, application, licence and backup servers, among others. I designed and implemented network security including iptables-based firewalls, firewall appliances and overall network design. I also maintained a department-wide Wi-Fi network and assist with systems design and engineering for research professors, some of which includes multi-processor and cluster systems as well as realtime control systems.

Lead Programmer/Executive Officer

9/2004 - 4/2007 Zenjo Consulting LLC, Albuquerque, NM

Zenjo Consulting provides web development, online marketing and custom web-based software solutions to small businesses. As part-owner and lead programmer, I handled internal systems such as server administration and security, accounting and billing as well as development of content management and other dynamic systems utilizing open source tools such as PHP, Perl, Python, Ruby, MySQL and PostgreSQL. I also supported end users via phone and email with their web hosting and general networking issues.

Wireless Data Trouble Ticket Analyst

11/2002 - 10/2004 T-mobile, Albuquerque, NM

Managed and troubleshot problems with our GPRS data network, working with our technical and engineering groups to analyze root causes and implement fixes. Spearheaded several projects involving anything from coding Mac OS X hardware drivers for a PCMCIA GPRS modem to implementing several text-manipulation applications designed to streamline and automate some processes here. I also did some PHP/MySQL database tracking/trending work.

Education

5/2004 University of New Mexico, Albuquerque, NM

- Bachelor of Arts in-progress
- Major in linguistics, minor in computer science. My particular interest is in human-computer interaction and natural language processing.
- Linux Systems Administration Certificate

Skills

Amanda C/C++ Cisco IOS CSS CVS DHCP DNS
(Bind9, djbdns) Exim FreeBSD GPRS/EDGE MapReduce
git HTML5 JQuery Kerberos LDAP Linux (Debian,
Ubuntu, Gentoo, RHEL/CentOS) Perl Photoshop PHP
Postfix RADIUS Ruby shell scripting Solaris Subversion
SQL TCP/IP Networking VLANs Virtualization WLAN
WWAN XFS Windows 9x/NT/2000/XP/Server 2003 ZFS