Paul Sims
11530 Vance Jackson
Apartment 206   210.863.8306
San Antonio, TX 78230   paul@paulsresume.net

Objective

Experienced administrator with a track record of producing cost effective solutions in the IT field. My skills range from extensive hardware and software troubleshooting to network infrastructure design and implementation. Five years of experience in UNIX and Windows environments and supporting mission critical operations. Experience in designing and troubleshooting unique infrastructures to meet the exact needs of my clients. Energetic self-starter with excellent analytical, organizational, and creative skills. Seeking a challenging employment opportunity in the IT field that has need of professional, creative system administrators.

Recent Professional History

- **Virtualization Architect**   July 2004 - September 2005, July 2007 - Current
  Rackspace Managed Hosting   Herndon, VA and San Antonio, TX

  - Employed in the Datacenter Operations department from July 2004 to September 2005.
  - Responsible for supporting multi-million dollar customers with any technical need requested.
  - Specialized in LAMP environment optimization strategies and deployment.
  - Managed Active Directory and Exchange 2003 on large Windows Server 2003 domains.
  - Performed complex application, database, and device level migrations.
  - Intricately involved in network and application design for Fortune 500 companies.
  - Administered large dynamic environments completely in XEN virtual machines.
  - Created two DMAIC project plans to reduce support cost by $443,000 annually.
  - Lead a support team of 21 technicians in charge of Linux servers (and limited Windows Servers), Cisco network devices and firewalls, and tape backup environments.
  - Created and oversaw an accelerated learning track to bring new or inexperienced technicians up to speed.
  - Awarded the Rackspace Leadership Award in Fall 2009 for helping to forge the most successful team in my support segment.
  - Internally certified in Six Sigma operational excellence methods.
  - Recognized as one of the top 50 managers in the company by anonymous survey.
  - In Fall 2010, founded the second and third shift support teams in Managed Cloud.
  - Designed and architected the Managed Cloud Linux offering, focusing on auto-scaling that has powered large scale marketting campaigns including products featured on Oprah.
  - Currently the Infrastructure Architect Lead for Rackspace's Open Stack Private Cloud product.
  - Forged the Open Stack Private Cloud offering, including marketting, pricing, supply chain, brand management, staffing, deployment procedure, support workflow analysis and projections.
  - Patent pending for "Dynamic Resource Allocation Across Multi OpenStack Private Clouds"

- **Web Developer**   April 2006 - June 2007
  Custom Internet Solutions Corporation   Bedford, VA

  - Developed web based PERL, PHP, and JAVA based e-Commerce applications for financial institutions, a power plant monitoring and statistics gathering system, and an HMO referral system.

- Consulted clients on complete site-wide security policies.
- Created a customized system of forensic and monitoring tools that reduced investigation time during a hack attempt by hours.
- Architected and developed software to enforce HIPAA compliance.
- Integrated smart card authentication systems into web applications.
- Developed an enterprise quality email server with radical new SQL database driven anti-spam techniques.
- Co-designed a web based statistics gathering engine for use in contrasting demographic research.

- **Consultant**   Spring 2007
  Star City Communications   Lynchburg, VA

  - Sub-contracted as a project manager to MA/COM, in their IP radio division.
  - Instrumental in the 1 year 15 million dollar project to re-band the state of Florida.
  - Re-structured the project timeline to shave off nearly 3 months from the timeframe.

- **Systems Architect**   September 2005 - April 2006
  Custom Ink.   Falls Church, VA

  - Designed a scalable SAN framework using the HP MSA line that leveraged PolyServe for full fault tolerance while maximizing hardware usage.
  - Redesigned network for fault tolerance and full redundancy.
  - Designed a tiered network layout for both internal and external sites.
  - Oversaw the expansion and phased migration of the production environment to a larger colo facility.
  - Managed firewalls and network devices for a 24x7 operation.
  - Architected a differential backup rotation system with off site archival and a disaster recovery site.
  - Implemented VPN tunnel from office to data center using Redhat and SonicWall firewalls.

Certification

- **ITIL v3 Foundations**
  Achieved in 2011.

- **Lean Six Sigma Green Belt**
  Achieved in 2009.

- **RHCE for Redhat Enterprise Linux V**
  Achieved in 2007.

- **A+ & Network+ certified**
  Achieved in 2003.

- **Certified Sun Field Engineer**
  Can work on all disk arrays, tape libraries, and servers. Trained on Solaris 9 and 10.

Education

- **Moody Bible Institute**   Fall 2001 - Spring 2003
  Began a BA in Philosophy and Biblical Language Minor   Chicago, IL

- **Christ College**   Fall 2003 - Spring 2003
  Moved to Virginia to enroll for a more rigorous Philosophy Degree.   Lynchburg, VA

- **Stratford University**   Summer 2003 - Summer 2005
  A wise career change brought me to this Computer Science program.   Falls Church, VA

Skills

Languages: PHP, Perl, Java, Scala, Groovy/Grails, C++, Javascript, general scripting, SQL, HTML, CSS, LaTeX, Python (Mainly pylons, sqlalchemy, & django).

Operating Systems: Linux, FreeBSD, HP-UX, Solaris 8, 9, & 10, FreeBSD, MacOS X, AIX 5.l, Windows XP/2003.

Applications: Apache, CVS, SVN, Squid, MySQL, BIND, NIS+, iptables, software raid, VENOM, EVMS, SAM, SMIT, Postfix, Amavisd, Policyd, Cyrus, Openssl, SAP DB, Access Grid, Samba, NFS, Linux Terminal Server, OpenGFS, RPM, Cisco IOS/CATOS and PIX Firewalls, OpenWall Firewalls, Plesk.

Miscellaneous: System administration in various UNIX flavors, TCP/IP networking, software configuration management, strong verbal and written communication skills, excellent troubleshooting and debugging skills

References available on request.