

# Sriram Rajan

[www.sriramrajan.com](http://www.sriramrajan.com)

updated: Nov'11

Over eight years of hands on experience in computer systems, networks, programming and security. A strong passion for computer systems has helped me stay abreast with newer concepts & technologies. I have worked on both proprietary and open source technologies and software development projects. I have achieved success in high pressure and high revenue enterprise roles and communicated at different levels.

## EDUCATION

*Masters in Computer Science* [Jun'03]

Texas State University, San Marcos, Texas, USA

*Bachelors of Electronics Engineering* [June'99]

RAIT, University of Mumbai, India

## CERTIFICATIONS



Redhat Certified Engineer Cert No: 805007644628890

[www.redhat.com/training/certification/verify](http://www.redhat.com/training/certification/verify)

RHCE™



ITIL Fundamentals Certification

[www.sriramrajan.com/images/itil-cert.jpg](http://www.sriramrajan.com/images/itil-cert.jpg)



MySQL Certified Database Administrator

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## EMPLOYMENT HISTORY

Apr'11 - Current	<i>Lead Engineer</i>	Rackspace Hosting, London, UK
Jan'10 - Mar'11	<i>Systems Administrator</i>	Rackspace Hosting, London, UK
Oct'07 - Dec'09	<i>Lead Engineer</i>	Rackspace Hosting, San Antonio, USA
Oct'06 - Sep'07	<i>Systems Programmer</i>	Texas State Univ, San Marcos, USA
Apr'03 - Oct'06	<i>Systems Admin</i>	Computer Science Dept, Texas State Univ, San Marcos, USA
Jan'01 - Apr'03	<i>Graduate Assistant</i>	CS Dept, Southwest Texas State Univ, San Marcos, USA

## KEY CONTRIBUTIONS AND ACHIEVEMENTS

### @Rackspace Hosting

- ✓ Currently managing an account base of over 400K monthly revenue.
- ✓ Implemented highly available solutions and provided escalation support in high SLA environments.
- ✓ Managed complex ecommerce environments consisting of firewalls, load balancers, SAN, DAS, Netapps, clusters, enterprise monitoring, disaster recovery models & intrusion detection systems.
- ✓ Experience in migrating solutions across different providers.
- ✓ Advanced knowledge of Linux, Apache, MySQL & other Linux technologies.
- ✓ Participated in key process changes and system deployments across the organization.
- ✓ Worked with internal teams on PCI (payment card industry) projects.
- ✓ Collaborated and taught several internal courses to different teams across the organizations.
- ✓ Received several recognitions including "Excellence in leadership" for the quarter of 2009 and "peer of the quarter" in 2010

### @Texas State University-San Marcos

- ✓ Developed & maintained an in house account management system for over 25,000 users across disparate systems like VMS, Active Directory & Microsoft Exchange.

- ✓ Implemented a highly available VMware ESX environment across multiple datacenters.
- ✓ Managed & developed a credit card system using Verisign Payflow Pro PERL API on Linux & Apache.
- ✓ Implemented a service monitoring system called Nagios to monitor over 1000 routers, servers & services. Implemented a performance monitor called Cacti to gather and report on system & network statistics.
- ✓ Implemented a backup system for all servers using Veritas Netbackup and a Dell PowerVault 132T tape library.
- ✓ Implemented an user account system for over 2000 users using LDAP & NFS on Linux.
- ✓ Managed a Solaris lab consisting of 15 workstations & a NIS + NFS server on Sun v800 system.
- ✓ Configured a centralized logging system using syslog, snort, tripwire and MySQL and developed a custom front end to view & report system logs using PHP.
- ✓ Developed several web applications using PHP & MySQL to provide web based services.
- ✓ Taught sections of a digital forensics course.
- ✓ Master's thesis in Honeypots. [www.sriramrajan.com/thesis.pdf](http://www.sriramrajan.com/thesis.pdf)

## **SKILLS**

### **Systems**

#### ✓ **Linux**

Worked with Red Hat Linux and Unix variants for the past 8-9 years both during my education and employment. I have extensively worked on NFS, LDAP, DNS(bind), Samba, Postfix, Red Hat clusters, Red Hat RPM & performance tuning. Commercial technologies include EMC PowerPath, Dell OpenManage, HP ILO & Openview, Nimsoft Nimbus & Mercury(HP) Sitescope.

#### ✓ **Windows**

Knowledge of Microsoft technologies like Windows 2003/2008, IIS & Active Directory.

#### ✓ **Cloud and Virtualization**

Worked for over 2 years with VMware ESX 3.0 and related technologies like HA & Vmotion. Working knowledge of cloud technologies like Rackspace Cloud files, servers and sites.

#### ✓ **Webservers**

Apache: Worked extensively on Apache on different operating systems. Configured virtual hosting, various modules, PHP, Perl, Python, SSL, mod\_security, mod\_proxy, performance tuning and advanced troubleshooting.

Tomcat/Jboss: Experience in configuration, troubleshooting and basic tuning.

#### ✓ **Databases**

MySQL: Worked extensively with MySQL (4.1 and above) covering different aspects like installation, multi instances, configuration, replication, performance tuning & query optimization. I have also worked with MySQL enterprise tools, MySQLTuner, Maatkit & clustering technologies like MMM.

Oracle: Working knowledge of Oracle, client utilities and libraries.

#### ✓ **Others**

Knowledge of TCP/IP and networking fundamentals.

Monitoring and statistical tools like Nagios, Nimbus, Sitescope, Awstats, Cacti & Munin.

Working knowledge of Cisco CSS load balancers, firewalls (PIX, ASAs) and Big IP F5.

Working knowledge of HP Open VMS.

### **Software Development**

#### ✓ **PHP**

Worked on several PHP projects over the last 4-6 years. Notable projects that I designed and implemented from scratch are; Exam registration system, Job posting and search site & in house content management system.

#### ✓ **Perl**

Used Perl in automating several system tasks like log archiving, data synchronization, custom monitoring. Notable projects include an user management system for the University using LDAP & MySQL, data synchronization with SAP and Windows Active Directory.

✓ **HTML & Web accessibility**

Achieved 3<sup>rd</sup> prize in an web accessibility contest with Knowbility (<http://www.knowbility.org>)

Good knowledge of HTML, Javascript, accessibility & validation tools and editors like Dreamweaver & Bluefish.

✓ **SQL**

Worked with SQL queries in the several PHP & Perl projects I did. Have good understanding of database concepts like indexing, keys, joins etc and worked on tuning queries with MySQL.

✓ **C, C++**

Worked on C, C++ projects during my master's courses and as a volunteer tutor for CS students.

Worked on a freelance project on C++ and QT( a GUI development toolkit).

✓ **Others**

Development tools like Visual Studio, Eclipse, CVS/SVN & Dreamweaver.

**Security**

✓ PCI DSS understanding and implementation knowledge.

✓ Knowledge of firewalls, Linux Iptables & NAT.

✓ Security tools such as Snort, Nmap, Acid, Nessus, Wireshark, Tripwire, Rkhunter, Auditd & Splunk.

✓ Honeypot concepts & technologies.

✓ Alert Logic IDS & Log Manager.

**Management**

✓ ITIL Fundamentals & certification.

✓ Interviewing, Hiring & supervising employees.

✓ Collaboration tools like Microsoft Project & Sharepoint.

**ABOUT ME**

A South Indian by birth, I have lived most of my life in Mumbai, India before moving to the United States. I studied and worked in the United States for close to 10 years and relocated to work in United Kingdom. As a person I tend to be very optimistic & independent. I enjoy traveling, playing with technology, anything and everything about cricket.

Gallup Strengths ([strengthsfinder.com](http://strengthsfinder.com)): Learner, Restorative, Achiever, Relator, Maximizer

LinkedIn Profile : [www.linkedin.com/in/rajansriram](http://www.linkedin.com/in/rajansriram)

References available upon request.