

Sal Munguia

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Certifications

RHCE - Red Hat Certified Engineer
Linux+ - Linux+ Certification
ITIL - Certification

Training

Docker - DockerCon 2015 **Management** - Management @ Duke Training
DS4000 - IBM SAN Training
Cognos - Training

Virtualization

VMWare, Docker, VirtualBox

Automation Tools

Docker, Vagrant, Capistrano, Ansible, Puppet

Backup Solutions

Networker, Tivoli, CommVault, Backup Exec, Tivoli

Databases

Oracle, MySQL, MSSQL, Postgres

Management

Satellite, Foreman, Puppet, Ansible, FreeIPA, OpenStack, SSO

Computer Languages

Perl, Python, JavaScript, Ruby, SQL, Java, C++, C, Bash, PHP, HTML, CSS, Expect

OS(64/32-bit)

Red Hat, CentOS, CoreOS, Fedora, Debian, Ubuntu, Knoppix, FreeBSD, Gentoo, SUSE, AIX, Windows

Technical

Cisco, Switches, Routers, Load Balancers, Firewalls, ACLs, VPN, Network Extreme, RAID, Hardware Encryption, Intel/AMD/SPARC CPUs, Raspberry Pi, Storage, Data Domain, Avamar, SAN(EMC,IBM,HP), Isilon, FC, iSCSI, CIFS, NFS, NAS, FTP, SMB, Compression, TCP/UDP, DHCP, LDAP, DNS, Tunnels, Broadcast, Multicast, LAN/WAN, Apache, Tomcat, JBoss, Nginx(Proxy/HTTPD), Red Hat Kickstarts, ElasticSearch, Logstash, Kibana(ELK), Splunk, SSO, Reverse Proxies, WIFI, LAN, Oracle Enterprise Manager, Linux architecture, Deployments, Kerberos, Active Directory, Nagios, Cacti

Relevant Experience

Business and Personal IT Consultant, Self Employed, Pomona, CA October-2015 to Present

- Design Systems/Networks utilizing virtualization.
- Design Mail Server, routing for CDE(Credit Card Data Environment), VPN, and Security.
- Build websites utilizing Docker Containers on the cloud.
- Setup personal and business internet/network systems.
- Utilize Google Analytics for client traffic analysis.

Sr. System Analyst III, Duke University: School of Medicine/Office of Research Informatics - Durham, NC--2008 to 2015

- Advised, designed, and implemented the infrastructure/Applications for the Department.
- Automated tasks and managed 300+ servers with scripts and programs, including Satellite.
- Managed Server/Applications Installs/Upgrades/Patches.
- Implemented, managed, and supported multiple applications, such as JBoss, Tomcat, Labvantage, Velos, eIRB (Click) throughout the SDLC cycle.
- Architected 10 node JBoss cluster 4,000 User environment for Lab Data.
- Stress/Performance testing of application for performance tuning.
- Managed Healthcare applications to reduce failures and improve stability. Reduced failures from 5 a day to 1/8months.
- Automated Storage inventory for about 1 Petabyte of SAN Storage using HP EVA's, and Cisco San switches.
- Designed and strategized the installation of firewalls for 300+ servers.
- Managed Apex Application (Oracle) and built SQL/HTML automated reports.
- Worked on the implementation of SSO for the Healthcare Applications.
- Managed and supported applications for Conflict of Interest and Grants Systems.
- Supported Blade Infrastructure, Server Racks, and Cisco Routers.

Manager, City of Burbank, Burbank, CA--2006 to 2008

- Managed Unix/Linux/Windows/IBM SAN operations and group.
- Resolved server issues relating to Windows, Linux OS's, and other hardware.
- Managed Fibre Channel technology and SAN fabrics.
- Upgrading software, and firmware for devices.
- Setup monitoring software like Cacti, and Nagios for monitoring our servers and networking equipment, & environmental equipment to monitor A/C and humidity in the server rooms.
- Created IP database using MySQL and a front end to search and list all of the IP's.
- Automated Cisco and Network Extreme switch/routers nightly backups with expect.
- Worked on backups with both Tivoli and CommVault and responsible for the migration from Tivoli to Commvault.

Chief Information Officer, Tactara (Startup), Los Angeles, CA--2005 to 2006

- Provided networking circuits and IP address space for customers.
- Dealt with setting up Vlans, Cisco switches, routers, Linux Boxes used as routers (Quagga).
- Resolved Networking issues that range from the provider to customers either through VPN or directly hosted at site.
- Resolved server issues with Windows and Linux OS's, and hardware.
- Setup Ethernet circuits through provider connected to company, used monitoring software like Cacti and Nagios.

- Automated the setup of Nagios for all new lines connected to the company.
- Managed IT Department and setup documentation and expectations.
- Created new projects for department to improve customer support.

Systems Network Engineer/Lead Programmer, California School of Culinary Arts, Pasadena, CA -- 2004 – 2005

Worked troubleshooting system and network issues dealing with Cisco, Windows, and office programs. Was a System Administrator for both Linux and Windows. Also worked on automating the presentation for the school, by creating a program that updates from a central location over the network, and automatically displaying it on LCD's all over the school. Received Customer Service Award for outstanding customer service from the school. Worked on building and repairing new Computers, laptops, Avaya phones etc.

Advanced Technical Support Lead, DirecTV DSL, Portland, OR -- 2002 - 2003

Worked for the Advanced Technical Support Department as a lead troubleshooting DSL problems of the home, phone line, Phone Company's network, and our network. We dealt with all of the issues that were associated with the DSL technology. We communicated with our customers to get the information from them and used the tools TraceRoute, Ping, and Shasta Servers to solve the user's' DSL and Network related problems.

System Administrator, Anheuser-Busch Inc., Van Nuys, CA -- 1998 - 2000

Worked in an internship position as a System Administrator, solving user's computer problems related to software and hardware, and managing our Unix and Windows accounts for approximately 900 users. We troubleshoot and fixed software problems remotely, connecting to the computers over the network. Created automation scripts to troubleshoot User problems a lot more quickly and efficiently.

EE Intern/Test Technician, Teradyne Inc., Agoura Hills, CA --1997 - 1998

Worked as a test technician/intern troubleshooting circuit failures, on Teradyne's system boards. Used and created Unix scripts to handle test data and to view failures. Worked on web pages for our intranet that included forms, which processed information on the server for later reference. Created shell scripts that handled data from files. Configured the Solaris operating system changing aliases and other modifications in the openwin-menu, .cshrc, and login file. Created shell scripts that automated our tasks.

Education

Cal State Northridge, Northridge, CA -- May 2000

Electrical/Computer Engineering - Programming, Design of Digital Computers

Foreign Language

English - Native, Spanish- Fluent (speaking, reading, and writing)