

MARIO CHAMORRO

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OBJECTIVE

A position that provides the opportunity
to contribute to an organization by utilizing my experience
in Linux systems engineering, administration and programming

CERTIFICATIONS

* A+ , Network+ , Linux+ , Security+ , MySQL Core , RHCE 111-165-908

SKILL SET

* RedHat / Fedora / CentOS / Oracle Linux , Virtuozzo , Plesk
* Apache , Tomcat , MySQL DB , Sendmail , Postfix , Qmail
* BASH , PERL , PHP , Python , C/C++ , Spanish
* Debian , FreeBSD , Oracle DB , VMWare , EMC

EDUCATION

EXTENSION SCHOOL , Cambridge, Massachusetts
IT coursework , 2007 - 2009

* internet protocols , oracle database administration
* php / mysql / ajax / google maps , ruby on rails

SAN JOSE STATE UNIVERSITY , San Jose, California
B.S., Computer Science, August 1999

* completed 3 subject tracks (2 required)
1: software engineering
2: distributed systems
3: networks
* Windows MFC GUI programming
* Java distributed threads project
* Java client / server project

CALHOUN COMMUNITY COLLEGE , Decatur, Alabama
A.S., Missile and Munitions Technology, August 1994

SIMON'S ROCK COLLEGE , Great Barrington, Massachusetts
A.A., Liberal Arts, June 1988

EXPERIENCE - FULL TIME

ZIPCAR , Cambridge, Massachusetts

October 2010 - Present : Systems Engineer

- * reimplemented Kickstart configurations
- * implemented Spacewalk and OpenLDAP services
- * handled remote office firewalls and file servers
- * occasional work with Juniper and Cisco firewalls
- * worked with Debian and Red Hat family Linux distributions
- * built and monitored AOL / Netscape and database server issues
- * worked with remote external support personnel to access Zipcar network

PAREXEL / PERCEPTIVE , Billerica, Massachusetts

May 2008 – September 2010 : Senior Systems Engineer

- * handled internal Java / Oracle / Linux / Tomcat (JOLT) systems
- * F5 BigIP configuration of virtual servers, iRules, and pools
- * worked in a tightly managed Change Control environment
- * Java / JDK / RPM / Tomcat installations and builds
- * worked with VMWare virtualization and EMC storage
- * created BASH scripts to automate workflow
- * Kickstart generation script enhancements
- * disaster recovery rsync script

ASK.COM / BLOGLINES.COM , Bedford, Massachusetts

July 2007 - March 2008 : Linux Systems Administrator

- * organized and maintained front line Ask and Bloglines servers
- * worked in heterogeneous 600+ server Linux / Windows environment
- * managed servers with Active Directory and SiteScope infrastructure

CONNECTIV SOLUTIONS , Cabin John, Maryland

September 2006 - March 2007 : Linux Systems Engineer

- * built, configured, and installed systems with CentOS and RedHat
- * worked in a team to streamline a process already in place
- * configured MySQL, Samba, Subversion, and other software
- * wrote BASH and PERL scripts and some C programs
- * redesigned network to enhance security
- * formalized data backup / archive
- * installed FreeBSD bastion server
- * software RAID configurations

RACKSPACE HOSTING , San Antonio, Texas / Herndon, Virginia
January 2004 - August 2006 : Linux Systems Engineer

- * provided level 3 Linux hosting support in English and Spanish
- * developed BASH scripts to monitor and solve customer issues
- * built reputation for handling heavy workload and for top performance
- * system administration of all webhosting related software including:
 - * Plesk System Administration control panel
 - * ProFTPd , WU-FTPd , vsFTPd , Apache
 - * Sendmail , QMail , Courier IMAP/POP
 - * MySQL , PHP , RPM , Webmin
 - * Red Hat Enterprise Linux

OPENWAVE SYSTEMS , Lexington, Massachusetts
November 1999 - March 2001 : Software Engineer

- * enhanced the InterMail electronic mail messaging system
- * Solaris, AIX, HP-UX, and OSF1 development system administration
- * collaborated on LDAP, Oracle, and AIX memory management problems
- * troubleshoot multi-threaded messaging servers (SMTP, POP3, IMAP4 ...)
- * ported software system from Solaris 2.6 to 2.8 and handled other platforms
- * maintained InterMail administration utilities in C++, PERL, and Bourne shell

INCAL TECHNOLOGY , Milpitas, California
September 1995 - April 1997 : Programmer

- * created and enhanced semiconductor test applications in C++ and Pascal
- * integrated circuit signal programs
- * device and memory interface programs
- * performed Netware 3.12 system administration
- * implemented tape backup and recovery procedure
- * introduced e-mail (Lotus CC:Mail) and remote access
- * performed basic webmaster and Windows desktop support tasks

EXPERIENCE - PART TIME

ENERNOC , Boston, Massachusetts

April 2008 : Linux System Administrator

- * setup Samba server, Oracle client and Cognos BI server
- * setup VMWare Linux virtual machines

YOUR SITE , Pittsfield, Massachusetts

April 2002 - August 2002 : Technical Support

- * created backup scripts for critical system / hosting files
- * supported Zeus, Apache, DMail, Postfix, DNS, FTP, and MySQL servers
- * provided level 3 support via phone and e-mail in English and Spanish
- * wrote, debugged, and supported PERL, BASH and PHP scripts on Solaris
- * built a reputation for quick and courteous solutions in English and Spanish

BERKSHIRE GAS / MANPOWER , Pittsfield, Massachusetts

April 1998 - August 1998 : Help Desk

- * created network reports with Crystal Reports and Microsoft Access
- * created Visual Basic application to retrieve AutoCAD maps
- * Netware 4.11 / GroupWise administration
- * Windows NT Workstation desktop support

AMERICAN MUSICAL THEATRE , San Jose, California

April 1997 - November 1997 : Network Administrator

- * implemented and verified tape backup, recovery, and security procedures
- * performed webmaster tasks and Windows desktop support
- * discovered that Oracle DB had never been backed up
- * performed Netware 3.12 system administration
- * introduced, and installed Windows NT Server

INTEGRATED DEVICE TECHNOLOGY , Salinas, California

May 1995 - August 1995 : Engineering intern

- * PCB design with AutoCAD
- * created internal design manual
- * vendor interaction, PCB manufacturing site tours

BUSINESS / MILITARY

EN MARCHA , Boston, Massachusetts

2007 - Present : Owner

- * hostmaster / postmaster for international webhosting clients
- * manage Virtuozzo paravirtualization software and Plesk VMs
- * configure Qmail / Spam Assassin high volume mail system
- * configure master / slave PowerDNS servers
- * configure distributed backup strategy

BAGELS N BITS , Pittsfield, Massachusetts

April 2001 - December 2003 : Owner / System Administrator

- * created LAMP (Linux/Apache/MySQL/PERL) web hosting engine
- * created PERL/CGI server system governing wireless internet access
- * investigated beta DHCP server for subnet network access functionality
- * administration of named, mysqld, httpd, proftpd, postfix, couriertcpd, sendmail
- * investigated file sharing abuse with tcpdump
- * managed users using iptables and DHCPd
- * took corrective action upon cracker break ins
- * Linux Slammer Apache SSL exploit resolved with mod_ssl patch
- * WU-FTPd root exploit resolved by switching to ProFTPd

UNITED STATES MARINE CORPS RESERVE , Redstone Arsenal, Huntsville, Alabama

June 1993 - May 1997 : HAWK / IFF radar technician

- * ASM86, schematic diagrams, test equipment, electronics, soldering, etc.