

DAVID G. RAMIREZ

M.S. Computer Information Systems

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SOFTWARE SKILLS

Hands-on experience in selection, installation, maintenance and administration of the following software systems:

- **Linux (Red Hat Enterprise, Fedora, CentOS), Solaris 10/Sun Java Desktop 3, Unix (SCO Open Server), OSX.** Networking and Internet services, clustering, High Performance Computing (HPC), **shell scripting languages.**
- **Windows 2003, 2008** Server: installation, configuration, administration - including Active Directory, **SQL Server**, IIS, DNS, DHCP, Fax and Terminal Server services.
- **VMware ESXi**, Workstation; **Sun VirtualBox**, Parallels Virtuozzo.
- **Windows** desktop OS. Windows-Linux integration.
- **Networking: LAN – WAN** (routers, switches, VPN, wireless). Security, monitoring.
- **Storage systems (NAS, SAN)** - tape libraries.
- **MySQL, MS-SQL** Server administrator.
- **TCP/IP** services, most open source servers (NIS/YP, NFS, LDAP, ssh, ftp, MTA, etc).
- **Development & Programming: C++, C, xBase, Javascript, HTML, CSS, Linux/Apache/MySQL/PHP (LAMP)** projects & SaaS solutions.
- **Configuration Management:** cfengine
- **Programming: Security tools – BackTrack Linux.** Firewalls, DMZ, encryption.
- **Commercial ERP, CRM, POS** software.
- **Webmaster:** Apache based servers, LAMP.

HARDWARE SKILLS

- Data center infrastructure: PC architecture servers, storage, networking, power reliability. Server configuration management. Architecture, commissioning, configuration, administration, security.
- Infrastructure: Servers / clients / network deployment, assets management.
- Server appliances.
- Desktop systems. POS systems.

EXPERIENCE

Analyst - System Administrator (April 2010 - current)

TEXAS A&M UNIVERSITY - Department of Computer Science & Engineering - College Station, Texas

Responsible for the information systems infrastructure of Parasol Laboratory, including server and network maintenance, configuration management, systems analysis and deployment, backup systems, and user support.

IT Support Specialist (June 2009 – December 2009)

PRAIRIE VIEW A&M UNIVERSITY - SUNGARD HIGHER EDUCATION Corp. - Prairie View A&M University campus

Participated in Data center system deployment activities, performed server and network security analysis, virtualization prototyping and testing, second level help desk, and Active Directory programming tasks.

Research Assistant (February 2008 – May 2009)

David Ramirez - davidramirezmolina@gmail.com - Tel. 979-820-5416

PRAIRIE VIEW A&M UNIVERSITY - Prairie View, Texas

Performed diverse professorship and administrative support, LAMP software development, and research activities. Commissioned high performance clustering system.

Independent Consultant – Diverse projects (2004-2007)**WEB STUDIO e-SOLUTIONS**

Led and managed software development team for company growth initiatives. Supervised CRM, Digital Assets and Content Management Systems solutions and infrastructure issues, portals, e-commerce, e-procurement, messaging, and custom development. Red Hat Enterprise Linux and MySQL VAR and Integrator. LAMP application hosting (SaaS) and e-mail solutions.

ZORTEK SYSTEMS

Led critical network relocation including data center, analog voice, VoIP, and internet services at Tocumen Airport in Panama. Coordinated work schedule through airport officials and multiple vendors for timely service continuity. Completed airport's infrastructure assessment.

ORION CONECTIVIDAD DE COLOMBIA LTD.

Deployed first countrywide successful large scale Sun desktop environment. Developed migration path from Windows XP platform to Sun Solaris / Java Desktop System supplied by Orion as partner of Sun Microsystems. Resolved compatibility issues. Supervised development, training of system administrators and commissioning teams.

Director of Information Technology (1993-2004)**INDUSTRIAL TAYLOR LTD., Bogota, Colombia Food Service Equipment Distributor**

Developed the company's Information Office as a critical business support unit, in permanent collaboration with the CEO and department leaders.

Architected the company's computing and networking infrastructure, including early adoption of Internet technologies and web presence.

Performed system administration and all data processing needs utilizing UNIX, LINUX and Windows based servers.

Designed and implemented software tools for business operations from in-house database applications to industrial ERP, CRM and POS external solutions. Own developments included call center, technical service, service history, client management, automatic quotes, payroll and inventory support.

EDUCATION**M. S. Computer Information Systems**

Prairie View A&M University, Texas – (2009)

B.S. Electrical Engineer

Universidad de los Andes, Bogota, Colombia (1984)

Graduate Practicing Engineer

University of Saarland, Saarbrücken, Germany (1988-89)

Alternative Certification Program

Houston Independent School District , Houston, Texas (2006-2007)

CERTIFICATIONS

- **CIW** (Certified Internet Webmaster) – Administrator track.
- Microsoft SQL Server Administrator, Programming.
- High Performance Computing Workshop, University of Southern California (2009)

LANGUAGES

Bilingual **English-Spanish**, fluent German.