

Javier Arturo Rodríguez

Software Architect and Systems Administrator

Introduction

I help organizations maximize the value of their IT infrastructure.

I have fifteen years of experience in Unix Systems Administration and distributed application development in different platforms for customers in Mexico, Europe and the United States. I have extensive experience integrating legacy systems to the World Wide Web, and bringing open standards and proven technologies to the Enterprise to minimize costs and maximize value.

I am highly proficient in Unix System administration, including design and implementation of Data Center infrastructures and services. As a programmer I have developed multiple distributed applications and, products currently in use in companies all around the world.

I share my experience by delivering consulting, mentoring, systems auditing and training services to leading companies.

Professional Experience

2004-2009 Esilog Consulting, Spain
Chief Technology Officer

Advanced consulting and training services associated to systems infrastructure, performance tuning, software architecture and software development for a wide customer base, including the following projects:

- Managed the implementation of a system to manage and audit a loyalty program for Coca-Cola resellers.
- Bootstrapped and supervised the migration from an OpenVMS TTY-based software system to an open standards web-based software platform for Cofidis Iberica.
- Provided security consulting and directed the implementation of a token-based client certificate authentication system for the electronic banking portal of Caja de Arquitectos.
- Provided technical support, security and performance tuning consulting for DGP, La Caixa, and La Generalitat de Catalunya.

2001 - 2004 3Cubes, Mexico City, Mexico
Research & Development Associate Director

Analysis and Design of Customer Relationship Management software for one of the main Mexican retailers, Comercial Mexicana.

Architect and lead developer in the following projects:

- Development of Corporate Intranet for Metrored/WiseNet, port of legacy systems and Integration of Salesforce.com CRM.
- Integration of a B2C portal with SAP and back-end legacy systems using Perl, C and Apache for Casa Cuervo.
- Analysis and implementation of a web-based business card design and printing software suite using PHP and MySQL.
- Design and implementation of a software suite to process Call Detail Record logs in real time, with applications for cost reduction and fraud prevention

2001 - 2006 InfoRed, Mexico City, Mexico
Internet Technology Analyst for Radio Broadcasts

Weekly segment in "Monitor" radio programs, the radio program with the largest audience in Mexico.

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1999 - 2001 LatinB2B Corporate Network Inc., Miami, FL, USA

IT Architect and Lead Programmer

Responsible for the conception, design and implementation of a corporate B2B dynamic trading which allowed the integration of legacy systems.

- Responsible for Data Center design, implementation and operation.
- Obtained significant budget cuts in hardware infrastructure investment by implementing Open Source software solutions over commodity hardware.
- Managed Infrastructure and Software Development teams.
- Managed development of five Latin-American Industry Portals for the Pharmaceutical, Chemical, Textile, Steel and Financial markets. Portals were developed using Apache, Java, Perl, C++, and MySQL.
- Supervised the integration of companies who participated in dynamic trade platform, including Reichhold Chemical, BASF, Novartis, Grupo IUSA, and the Mexican Stock Exchange.
- Designed the purchasing system for Nestlé de Mexico and Volkswagen de Mexico (both for direct and indirect materials) using BEA Weblogic, Java and Oracle Database Server.
- Redesign and extension of Ariba's Dynamic pricing to allow localization and internationalization and allow custom workflows. Applied LatinB2B's proprietary tools and methodology in order to beat Ariba's product development process. Obtained a 60% project development cycle improvement which derived in an Ariba partnership with LatinB2B as beta tester.

1997 - 1999 Aldea Internet, Estado de Mexico, Mexico

Software Development Director

Responsible for the company's IT strategy, systems development and Data Center operation:

- Technology Research.
- Legacy system interfacing to new client products.
- Design and implementation of SHCP Normative Guideline System (Secretaria de Hacienda y Credito Publico, Revenue Service agency in Mexico).
- Design and development of electronic Corporate Bank System for Banco del Atlantico.
- In the Perl Conference 2.0 received Award to the best end-user application for the framework developed for the corporate Bank System (Banco del Atlantico)
- Development of Chart JavaBeans for the Election monitor system for the Mexican Federal Electoral Institute.
- Consulting and Bootstrap of the Triara Data Center in Monterrey, Mexico for Telmex.

1996 - 1997 NextGen / Global Enterprise Services, Mexico City, Mexico

WebMaster (1997), Systems Administrator (1996)

- Installation, configuration and maintenance of web and application servers.
- Design and implementation of gateways between Internet and legacy systems, using Perl, C and C++.
- Installation, configuration and maintenance of servers and routers.
- LAN and WAN analysis and design.

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Education

- 2001 - 2004 Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM CCM)
Master in Business Administration, specialized in Finance.
- 1993 - 1995 Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM CEM)
Bachelor's Degree in Electronics and Communications Engineering.

IT-Related Skills

- Middleware** **Application Servers:** BEA Weblogic, IBM WebSphere, Oracle Application Server, SunOne Application Server, JBoss.
Directory Servers: SunOne Directory Server, OpenLDAP, Microsoft Active Directory, Oracle Internet Directory.
Web Servers: Apache (expert), CERN, NCSA, lighttpd, Jetty.
Mail Servers: Exim (expert), Qmail, Sendmail, Postfix.
Portal Servers: Oracle Portal Server, Apache Turbine, Sun Portal Server, Liferay.
eCommerce: Ariba Dynamic Pricing.
- Programming Languages** C, C++ , Perl (expert), Python, Java, Groovy, Pascal, Delphi, Basic, Visual Basic, Assembly Language (x86, 68000, 6502), JavaScript, VBScript, sed, awk, PHP, Forth, Logo, LISP, PL/SQL, PostScript.
- Software Platforms** MSDOS, MacOS, Windows, AIX, HP-UX, Solaris, Dynix, Linux, NetBSD, OpenBSD, FreeBSD, PalmOS, JavaOS.
- System Administration** Unix environments including Solaris, Linux, AIX, HP-UX, *BSD , MacOS X, MacOS, Microsoft Windows
- Databases** Oracle, Informix, Sybase, mSQL, MySQL, PostgreSQL, Paradox, InterBase, dBase, Fox, BerkeleyDB, GDBM, NDBM, Microsoft SQL Server.
- Revision Control** RCS, CVS, Subversion, GIT, Rational ClearCase, Rational ClearQuest, Trac, Bugzilla.

Certifications



Sun Certified Enterprise Architect
Sun Certified Network Administrator for Solaris 10 OS
Sun Certified Security Administrator for the Solaris 10 Operating System



Sun Certified System Administrator for Solaris 10 OS
Brainbench Certified Unix Administrator (General), Master Level
Brainbench Certified Unix Administrator (Solaris 9)



Brainbench Certified Server Administrator
Brainbench Certification on Internet Security, Master Level
Brainbench Certification on Information Technology Security Fundamentals, Master Level



Brainbench Certification on Networking Concepts, Master Level
(Brainbench Transcript ID: [2974726](#))

Languages

Spanish (native speaker) and English.