

**Rosario Allen Moschitto**  
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**SUMMARY** Encompass twenty years of well rounded experience in the areas of project management, software development, web development, network design, systems administration and internet marketing (SEO/SEM/SMO/PPC). Assume a lead role as necessary to liaise with clients, issue cost projections, proposals, inspire design concepts, and coordinate and mentor developers to ensure project consistency and deadlines. Accustomed to working within fast pace environments inspired by innovation and mission critical attention to detail.

**EDUCATION** **MS - Computer Engineering**, Manhattan College, Riverdale, NY Dec '97  
**BS - Electrical Engineering**, Manhattan College, Riverdale, NY May '95  
**EIT – Certification** Oct '95

**EXPERIENCE** **6/03 – Present: E-Wiz Solutions Inc., Bronxville, NY (Founder / President / CEO)**

- Manage web development project life cycle including research, design, development, implementation and post launch support. Responsibilities include sales, proposals, project management and application design.
- Develop custom web applications and integrate with 3<sup>rd</sup> party service providers. Core components of development include PHP, PERL, Javascript, MySQL, CSS, SOAP, Smarty & HTML/XML and a comprehensive understanding of Linux systems administration, network design and web security (PCI DSS/HIPPA Compliance).
- Developed and maintained a Linux driven hosting infrastructure to provide reliable and secure enterprise class services including Email (POP3/SMTP/IMAP/ESTMP), Web Hosting (Apache), DNS (Named), MySQL and custom account management services and resources.
- Designed a web portal (custom c-panel) allowing clients to administer all web hosting related services.
- Designed a comprehensive Perl based webmail system with feature sets equivalent to that of Yahoo.com.

**5/00 – 6/03: Telrad Conneqy (Congruency) Inc., Woodbury, NY (Product Manager)**

- Assisted with the design, development and implementation of a large scale “Super POP” to provide distribution of enhanced/hosted VoIP telephony services over metropolitan and nationwide broadband networks. Implemented mechanisms including LLQ, policy-maps and load balancing to maximize network performance and minimize packet loss, latency and Jitter Buffer within RTP packet transmission. Worked side-by-side with senior engineers from Cisco Systems, Inc. to enhance Cisco product firmware to cope with VoIP sensitivities and technology requirements.
- Manage beta cycle for company's VoIP product offering using NPI gate processes to ensure smooth installation of “proof of concept” beta systems prior to product launch. Evaluate system components and identify system and installation requirements regarding scope of deployment within carrier and enterprise based markets.
- Manage integration and interoperability aspects with partners and clients to enhance product and provide cost effective solutions that included integration with Cisco Call Manager 3.1, Polycom and Quintum.
- Configure and install Congruency services (Auto Attendant/Voice Mail/Gatekeeper) and Cisco gateway routers to provide IP Centrex, Unified Messaging, screen-based applications and PSTN access (POTS/PRI).
- Designed a monitoring utility in C and Perl to display CDRs, provide system monitoring and real-time mobile alerts in the event of a customer beta site system failure.
- Designed a web based Intranet IP-Address management solution in HTML, Perl, Java and Postgres.
- Developed quality assurance tools in Visual Basic to provide firmware and hardware evaluation of the Congruency VoIP smart phone while logging test results within a sequentially formatted database.
- Travelled in place of CEO to present product offering and market forecasts in front of mass audiences (entrepreneurs & distribution channels ISPs/CLECs) at various convention centers throughout the U.S.
- Wrote training materials and trained internal sales and support teams, and clients with regards to product offering, VoIP concepts, product features and troubleshooting procedures.
- Attend tradeshow and promote product offering to enterprise class service providers.

**7/98 to 5/00: Comverse Technology, Inc. New York, NY (Senior Software Engineer)**

- Team leader for various software design projects to coordinate and ensure development, 3<sup>rd</sup> party integration, project specifications and deadlines. Write installation and user manuals entailing block diagrams, timing diagrams, Unix environment setup and operating procedures.

- Designed IVR software to provide call routing, information handling and information processing.
- Designed multithreaded client/server applications using C and C++ for UNIX, VMS and NT platforms while utilizing a variety of communication methods including sockets, message-queues, pipes and mail-slots.
- Designed a gateway interface to provide protocol transcoding. Features included recursion theory, circular queues, IPC (mutex/semaphores), structures, multi-threading, fork, linked lists and pointers.
- Updated and ported company's core C libraries and applications from Unix to C++ on Windows NT. Utilized NT services and event logger for service management, debugging, process monitoring and event reporting.
- Designed a Unix based Fax Server in C using GammaLink protocols to support simultaneous requests for bulk faxing services. Utilized Dialogic boards and a queuing daemon to manage and support outgoing faxes.
- Designed a multithreaded Oracle database interface in C to simultaneously execute and return results for stored procedure calls issued via socket connections initiated by various 3<sup>rd</sup> party applications.
- Administer software libraries and source code releases via SCCS, True Change and custom "make all" scripts.

#### **5/97 to 7/98: Geotek Communications, Montvale, NJ (Software Engineer)**

- Consulted with clients nationwide to provide integrated solutions that enabled communications between centralized dispatching systems and mobile devices over the Geotek wireless cell site network.
- Designed middle-ware to enable 3<sup>rd</sup> party software and hardware integration with the Geotek wireless network. Trained and supported 3<sup>rd</sup> party developers throughout integration processes.
- Designed an Internet based two-way text messaging application in Visual Basic using Firewall Tunneling, Winsock, Windows API and proprietary wireless messaging format to transfer information between dispatchers and the mobile end. Wrote detailed documentation for all projects.
- Designed a client/server based wireless communications system for USPS. Programmed a 16-bit DOS-based barcode scanner using C++, Visual Basic, MS-Access, Windows Sockets, PPP and a proprietary messaging format to send daily activity details wirelessly to the back end dispatch database.
- Designed a client/server application in Visual Basic consisting of a wireless metropolitan TCP/IP interface to accept multiple client connections, transfer messages between dispatchers and mobile-end and log daily activities for drivers within a sequentially formatted database.

#### **10/96 to 2/97: Tri-Seal, Blauvelt, NY (Software Developer - Contract)**

- Designed a standalone interactive desktop application (brochure) for sales representatives to easily display product information while meeting with clients, dynamically retrieve product documentation (PDF/XLS/DOC) and videos. Design entailed the use of Visual Basic, MS Access, SQL, HTML and Perl.
- Designed a Windows desktop application in Visual Basic to gather material strength related information from a MUX communicating over a serial port, and plot data in real-time into an Excel spread sheet.

#### **11/95 to 9/96: Westfalia Separators Inc., Northvale, NJ (Field Engineer)**

- Troubleshoot and correct issues pertaining to panel circuitry and EPROM code via Ladder Logic language.
- Performed onsite testing of control systems, liaise and train customers.
- Wrote system test reports to identify and track software and hardware imperfections.

<b>TECHNICAL</b>	<b>OSs:</b>	Linux (Fedora/Redhat ES), Unix, Windows NT/XP/VISTA/7, VMS, MAC, DOS
	<b>Tools:</b>	<b>Unix/Linux:</b> PHP MyAdmin, SCCS, CVS, Arkiea, Iperf, VI, Pico, GDB, DBX, XWin, Gnome <b>Windows:</b> Visio, True-Change, Crystal Reports, Network Monitor, FrontPage, Quark Xpress, Web Promotion, Adobe CS2, VNC, PC Anywhere, OrCad, MS-Office, Norton Ghost
	<b>Services:</b>	<b>Linux:</b> Apache, Named, Sendmail, SpamAssassin, Imap, IPTables, Procmal, Samba, Cron, DNS, SSL, RHHA, RHNSD, RPM, OpenSSL, .HTACCESS <b>WindowsNT:</b> Event Logger, NT Services, Cisco Call Manager 3.1, IIS
	<b>Languages:</b>	C, C++, Visual C++, VB/VB.NET, PHP, Perl, Javascript, JServlets, JQuery, Smarty, XML, HTML, DHTML, CSS, SQL, Shell Scripting, Fortran, Dbase, Quick Basic, Ladder Logic, Assembly
	<b>Databases:</b>	Oracle, Postgres, MySQL, SyBase, MS-Access
	<b>Hardware:</b>	Cisco (500/2621/3640/AS5300/7200 routers, Catalyst 2900), Netopia (7100/R910), LinkSys, Quintum (A200/A400), Triton Traffic Generator
	<b>Protocols:</b>	PPTP, PPP, FTP, SNMP, SMTP, HSRP, SIP, H.323, RSVP, RTP, ICMP, TCP, UDP, IP, PPOE
	<b>Networking:</b>	VPNs, NAT, PAT, VLAN, IP addressing schemes (bit level understanding), routing and bridging concepts, firewall configuration, network design and troubleshooting (LAN/MAN/WAN)
	<b>Other:</b>	Drupal, Joomla, Wordpress, LAMP, Map24.com, CdyneNotify.com, Monsoon Mobile, Data Corp
	<b>Ecommerce:</b>	X-Cart, Miva, Magento, OSCommerce, SEO, SEM, SMO, Google Analytics, Adwords & PPC