

CARLOS ALBERTO APONTE ROA

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Presentation

Experienced application Integration Engineer with expertise in backend and middleware integration solutions. Strong knowledge and experience in networking communications, server's configurations, monitoring, administration for both, Windows and Unix systems. Experience providing technical and infrastructure support on site and remotely for different kind of environments, including Development, Quality Assurance and Production (24/7). Demonstrated problem solving abilities and debugging with strong development skills in different programming languages, including scripting and native android mobile applications. Development and deliverable application team leader with excellent communication and technical skills. Bilingual Spanish and English.

Work Experience

HORNE LLP, Guaynabo – Puerto Rico. **August 2022 to present** (Full Time). OutSystems Developer – Government Services.

- Outsystems (Enterprise Rapid Application Delivery Platform) development and production implementations for company's main applications using traditional, reactive web and mobile applications.

Universal Insurance Company, Guaynabo – Puerto Rico. **November 2019 to August 2022** (Full Time). Senior Programmer Analyst.

- Outsystems (Enterprise Rapid Application Delivery Platform) development and production implementations for company's main portals and applications using traditional and reactive web.
- Development of mobile applications for appraisals to take pictures related to claims and upload them into OnBase system.
- Development of mobile applications for Point Guard and Universal Insurance
- Deployment of mobile applications using Mobile Iron and Google/Apple stores.
- Integrations with azure and SSO.
- Development of business processes and web services in BPM – WID. Development and support of API for interconnection with the main core systems.
- Code reviewing of critical developments.
- Development team leader for Portal and Mobile Applications.

JDW Consulting, Guaynabo – Puerto Rico. March 2014 to November 2019 (Full Time).

Senior Application Integration Engineer.

- Development of business processes and web services in BPM – WID.
- Development in java for IBM WebPortal.
- Installation, configuration, and management IBM software suites, including ISIM/ITIM, ISAM/ITAM, Websphere Transformation Extender, DataQuality and DataStage, Sterling B2B, IBM WebSphere Integration Development, Guardium Data Security, QRadar and others.
- Installation, configuration and administration of WebSphere application server, deployment manager, proxy and clustering topologies.
- Implementation of DB2, DB2 HADR and System Automation MultiPlatform for automatic failover.
- Moodle installation, configuration, migration and administration.
- Office365 and Sharepoint custom configurations.

- Outsystems (Enterprise Rapid Application Delivery Platform) development and implementations. Main projects: ASC WebPage and Claim Modules.
- Development team leader and architect for new solutions. Supervising task assigned to developers.

Long term clients: Universal Insurance (2 and a half Years), MMM (1 and a half Years).

Short term clients: ASC, Claro, Triple S, First Bank, Evertec, Puerto Rican Cooperatives, others.

PUERTO RICO TELEPHONE COMPANY – AMERICA MOVIL CLARO PR,
Guaynabo – Puerto Rico. July 2007 to March 2014 (Full Time, On-call 24/7 and remote support). Senior Server and Application Administrator.

- Revision Control System Administrator (RCS and Apache-SVN). Administration of Source Code Compilations using C, C++, COBOL, Java, shell scripting, Apache Ant, others.
- Citrix Server configuration in virtual servers using VMWare. Administration of published applications and policies.
- Administration of Oracle Servers architectures like SunFire, M5000, Blade6300, M9000, Windows and Unix/Linux servers.
- Development of Unix/Linux scripts to monitor server's status, behavior, performance and scripting to execute automatically configurations using remote and secure connections to Databases, Middleware and Unix environments.
- Unix environment installation and configuration that includes Middleware (Weblogic/WebSphere, Tuxedo, Clustered Webservers, Load Balancing), WTC configurations and connections to DBs (Oracle, DB2, MySql).
- Deployment of web-based applications using Weblogic and WebSphere technologies.
- Installation, configuration and Administration of Oracle Enterprise Manager (OEM) to monitor and administer Server OS and Middleware applications.
- Debug of server performance, applications and communication errors using debugs, accesses, log's information, tracers, sniffing and other kind of server and networking utilities.
- Server Administrator for AMDOCS - Ensemble platform (Wireless and Wireline Billing Software) in Unix and Windows servers for the three software stages: development, Quality Assurance and production.
- Responsible for WNP (Number Portability) Servers connected using IBM MQ-Series.
- CC Administrator, Infrastructure and integration support on site and remotely for development, QA/UAT and production systems.
- Configuration and Administration of batch schedulers using maestro - IBM Tivoli.
- Project development and implementation team member for new interfaces and applications that include acquisition and/or configuration of hardware and software.
- Team member of the Disaster Recovery Contingency Plans and test executions in SunGard facilities.
- Writing technical documentation and reports according to enterprise standards.
- Responsible to Maintain Production Servers availability up to 98% of the time, including Physical and Virtual servers.

UNIVERSITY OF PUERTO RICO, Mayagüez Campus – Puerto Rico. From August 2005 to May 2007. Network Administrator Assistant.

- Help desk dealing with students, faculty and administrative staff.
- Device monitoring using SNMP and tools like Cacti and Nagios that use different kind of data acquisition methods for online network equipment monitoring.

- Network equipment configuration as switches L2/L3 (802.1q, 802.3ad, 802.1s, ACLs), access points (802.11a/b/g) and routers from vendors like Cisco, Foundry, HP, 3Com.
- Development of scripts to get and add configuration to multiples network equipments remotely.
- Maintenance of servers with next services: DNS, DHCP, CIFS, SMB and RIS.
- Trace restricted access to network and servers using tools as sniffers, snoop, tcpdump, access logs, ethereal and others.
- Configuration of ACLs to restrict network access.
- Configuration of radius to allow access to wireless users.

TOLIMA UNIVERSITY, Ibagué - Colombia. August 2003 – July 2005 (40 hours per week, Extra hours, On Call). Network and Server Administrator.

- Informatics' Laboratory Administration.
- On site and remotely support to administrative staff.
- Configuration, support and maintenance of network devices (Routers, Switches from Cisco and 3COM vendors and hosts)
- Design and implementation of the university's LAN for around 500 computers with backbones in Fiber Optic and stacking switches with STP configurations with redundancy.
- Configuration and Administration of network services like DNS, WEB, FTP, DHCP, FIREWALL and PROXY running over Linux and Solaris operating system.
- Monitoring and trace access through PROXY and FIREWALL to university network and servers.
- Installation of university server antivirus and anti-spyware
- Configuration of anti-relay service for email.
- Installation of Moodle for Online Education.

Certifications

- OutSystems Security Specialist O 11 (August 2022)
- OutSystems Associate Traditional Web Developer O 11 (June 2022)
- Outsystems Architecture Specialist Certification OS 11 (November 2021)
- Outsystems Mobile Developer Specialist Certification OS 11 (October 2021)
- Outsystems Associate Reactive Developer Certification OS 11 (October 2021)
- Microsoft Azure Fundamentals (October 5th, 2021)
- Outsystems Associate Traditional Web Developer Certification OS 9 (December 2015)
- Networking Certification - CCNA Certified Version 3 (September 2007).

Education

Master of Engineering in Computer Engineering (Systems and Software Emphasis), June 2007. UNIVERSITY OF PUERTO RICO, MAYAGUEZ Campus.

GPA: 3.57 of 4.0

Relevant Courses: Networking Fundamentals, Wireless Networks, Analysis Network Performance, Computer Architecture, Data Structure (Java), DataBase Systems (JSP, Beans, Servlets and mySQL), DataBase Design.

BS in Electrical Engineering – Electronics Emphasis, April 2003.

NACIONAL UNIVERSITY OF COLOMBIA, MANIZALES Campus - COLOMBIA, Networking and Software Deepening. GPA 4.2 of 5.0

Related Preparation

- Four Semesters of Cisco Certified Network Associate Curriculum (CCNA v3).

- NETRIDERS – Cisco Networking Academy Seminar and Contest Participant.
 - One Semester of Fundamental of Unix (Sponsored by SUN Microsystems & Cisco).
 - Solaris IPlanet SunScreen Administration (Firewall)
 - Citrix Web Interface Administration
 - Tivoli Scheduling, Operation, Administration
 - IBM Workshop on Grid Computing
 - PL/SQL Ed. 3 – Oracle Database 10g
 - Fundamentals of IT Process Automation with NetIQ - Aegis
 - PMP Exam Preparation Coaching – Feb 2012
 - Security BSides Puerto Rico Conference – April 4 and 5 2014
- Online training:** CXA-102-1W Citrix XenApp 6.5, CXD-101-5W Citrix Xen Desktop 5.5, CXS-102-1W Citrix XenServer 6.0, CNS-102-1W-Citrix NetScaler 10.

Skills

Programming and Development Software: Experience in BPM, C++, Eclipse (Java, JDBC), Jmeter, IBM-Rational (Beans, Servlets and JSP), MySQL, Oracle, Shell Scripting (sh, ksh, bash, tcsh, expect, Tcl/Tk); Network Equipment Installation and Configuration including Switches, Access Points and Routers of different makers, and Network Services under Unix/Linux/Windows. Server hardening and network analysis. Revision Version Systems in Unix (RCS and SVN).

Computing Software: Includes but not restricted to MS-Office, Web Browsers, etc.

Mobile Software: Java – Android SDK, AndroidStudio, Corona SDK and PhoneGap.

Security Software: Port-Scanners, Sniffers (WireShark) and Vulnerability Software (Nessus).

Operating Systems: Windows, Red Hat, Mandrake, Suse Linux, Ubuntu Linux, Solaris and IOS for network equipment's.

Languages

Spanish (Native), **English** (Proficient) and **Portuguese** (Beginner – Intermediate listener)

Freelance works:

Own Applications:

- Developer of mobile applications using Android Studio named Gardien DayCare. Available in android market using name Gardien DayCare.
<https://play.google.com/store/apps/details?id=com.gardiensm.gardien>

Consulted Applications

- Developer of mobile applications using Corona SDK for internal companies use (HeadStart Puerto Rico).
- Developer of mobile applications using Android SDK for Gardien Alert System <https://gardienalert.com/>. Was available in android market using name Gardien Alert System until product was out of business in 2020.
<https://play.google.com/store/apps/details?id=com.gardien.gardiensm>

References Only After My Approval