

IBSEN RAMOS-BONILLA

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OBJECTIVE: Work in a stimulating, and challenging development environment, that may include systems programming, and/or software programming.

TECHNICAL: **Languages:** Assembler, C, C#, C++, Go (Golang), Java, PL/AS, PL/I, PL/N, REXX, VB, VC++
Databases: Access, Cassandra, Cloudscape, MongoDB, MS SQL Server, Oracle, PostgreSQL, Sybase SQL Anywhere, VistaDB
Operating Systems: HP-UX, Linux, OSX, Palm OS, Qtopia, Sun Solaris, Windows, Windows Mobile
Other: ActiveSync, Agile, Ant, AppForge, Axis2C, Bash, Bea Weblogic, CodeWarrior, CVS, DbSchema, Docker, Eclipse, EJB, Embedded VC++, Git, GlassFish, Goland, Groovy, HLS, Hotsync, Hypercard, IntelliJ, J2EE, JDBC, Jenkins, Jira, JMS, JNI, JSON, Junit, Kubernetes, MFC, MongoHub, Mono, .NET, ODBC, OOP, Parallels, Postman, Rational Rose, RDBMS, REST, SOAP, SoapUI, Sourcesafe, Splunk, Spock, SQL, Subversion, Toad, UML, VirtualBox, WCF, WebSockets, Wireshark, WPF, WSDL, Win 32 API, XML, XSD

EXPERIENCE:

05/19 - **CHARTER COMMUNICATIONS (DENVER, CO) - SOFTWARE ENGINEER**
Working on Spectrum's SPP/PLM microservices group.
Lang: Java **DB:** Cassandra, MongoDB **OS:** Linux, OSX **Other:** Agile, Docker, Git, Groovy, Jenkins, Jira, Kubernetes, OOP, Postman, REST, Splunk, Spock.

05/13 - 04/19 **TIVO INC. (GOLDEN, CO) - PRINCIPAL SOFTWARE ENGINEER**
Worked as part of Rovi's STB Guides R&D, specifically on Flux and Dashboard development, supporting high accessibility systems. Provided cloud-based integration for the set-top boxes and internal/external clients, using SOAP and RESTful services. Worked on Dashboard to manage customer's online library, including a design rules engine for data deployment, and set of RESTful services; all based on Go, and supported by Mongo. Interacted with co-located/multi-site engineering teams, creating specifications, coding, supporting QA, and Operations teams.
Lang: C++, Go (Golang), Java **DB:** MongoDB, Oracle, PostgreSQL **OS:** Linux, OSX **Other:** Agile, Bash, DbSchema, FP, Git, Goland, Jira, JSON, OOP, REST, SOAP, SoapUI, Subversion, Parallels, WADL, WebSockets, Wireshark, WSDL, XML, XSD.

01/13 - 05/13 **THIS TECHNOLOGY, INC. (DENVER, CO) - SOFTWARE ENGINEER**
Worked in the Metamore and SpotBuilder products, providing messaging, and unit testing support for the POIS system.
Lang: Java **DB:** MongoDB **OS:** Linux, OSX **Other:** Agile, HLS, IntelliJ, JAXB, Jira, JSON, MongoHub, OOP, REST, SOAP, SoapUI, Git, XML.

- 05/10 - 01/13 **TIVO INC. (GOLDEN, CO) - SR. SOFTWARE ENGINEER**
Provided technical leadership in designing, prototyping, building, integrating and deploying, complex solutions requiring high performance and availability. Created data formats, feeds, and RESTful services; while debugging issues on the server side, as well as set-top boxes. Interacted with co-located/multi-site engineering teams, as well as B2B groups like Comcast and Motorola.
Lang: C, C++, Java **DB:** PostgreSQL **OS:** Linux, Windows **Other:** Axis2C, EBIF, Git, GlassFish, JAXB, Jira, Moto Casmr & Cast, OOP, REST, S&T TSBroadcaster, SOAP, SoapUI, Subversion, UML, VirtualBox, Wireshark, WSDL, XML, XSD.
- 10/08 - 05/10 **OPENTV INC. (GOLDEN, CO) - SR. SOFTWARE ENGINEER**
Worked in several aspects of the OpenTV Americas Technology Group, from the server-side solutions, to the set-top box products. I designed, code, and provided support for the Enterprise group supplying server-side solutions for all OpenTV offices; taking advantage of the OpenTV's Streamer, Gateway, and Notify technologies. My duties included designing, creating specifications, coding, and writing test and deployment documentation.
Lang: C, C#, C++ **DB:** MS SQL Server, Oracle **OS:** Linux, Windows **Other:** .NET, OOP, SOAP, SoapUI, Toad, UML, WCF, WPF, Wireshark, XML, XSD.
- 08/08 - 10/08 **SAPPHIRE TECHNOLOGIES (GREENWOOD VILLAGE, CO) - SR. SOFTWARE ENGINEER**
Worked on a Customer Service and Support solution used by Peak8 Solutions' customers. I worked on the application service host, and client-side database, as well as supporting the front-end application.
Lang: ActionScript, C#, Mono **DB:** VistaDB **OS:** Windows **Other:** .NET, OOP, XML, XSD.
- 06/06 - 08/08 **OPENTV INC. (DENVER, CO) - SR. SOFTWARE ENGINEER**
Worked in several aspects of the OpenTV Americas Technology Group, from the server-side solutions, to the set-top box products. Designed, coded, and provided support for the Enterprise group supplying server-side solutions for the Denver, San Francisco, and Beijing offices; taking advantage of the OpenTV's Streamer, Gateway, and Notify technologies. Created .NET services used to manage Caller Id and Autodiscovery solutions. Provided deployment support, to the Deployment Engineers, working on customer's locations. My duties included designing, creating specifications, coding, and writing test and deployment documentation.
Lang: C, C#, C++ **DB:** Oracle **OS:** Linux, Windows **Other:** CodeWarrior, CVS, .NET, OOP, Toad, UML, WCF, Wireshark, XML, XSD.
- 03/06 - 06/06 **WELLDYNERX (CENTENNIAL, CO) - SR. SOFTWARE ENGINEER**
Created an online Plan Benefit enrollment system used by WellDyneRx's customers. Worked supporting the IT and sales groups managing the various .NET services running under the WellDyneRx network.
Lang: C# **DB:** Oracle **OS:** WIN XP **Other:** CVS, .NET, OOP, UML, XML.

10/00 - 03/06 **THOMSON MICROMEDEX (GREENWOOD VILLAGE, CO) - SR. SOFTWARE ENGINEER**

Worked in the Mobile group creating clinical information solutions, that are used in PalmOS and PocketPC devices. Worked in the device, desktop, provide server synchronization support, and assist the content groups in the definition/extraction of data used for the Mobile devices. Previously worked on the development of Content Management System (CMS). As part of the CMS team I had the opportunity to demonstrate my skill set by working in several of their subsystems including: System Management, Workflow, Editorial Tools, and Integration. It was my responsibility to provide all the subsystems with services for message logging, debug/trace facilities, alarm notification, GUI implementations, and assisted in the areas of systems monitoring, process control, and data integration. My duties include designing, writing specifications, coding, and writing test documentation.

Lang: C#, C++, Embedded VC++, Java **DB:** Cloudscape, Oracle **OS:** Sun Solaris, WIN NT **Other:** ActiveSync, Ant, AppForge, Bea WebLogic, CodeWarrior, CVS, Eclipse, EJB, HotSync, J2EE, JavaMail, JAXP, JMS, JNI, JUnit, Linux, Mobile, MVC, .NET, OOP, Toad, UML, XML, XSD.

06/00 - 10/00 **QWEST (LAKEWOOD, CO) - ENGINEER**

Worked on the Activation Management Provision team (AMP), in the Network Interface (NI) library. Providing the AMP system the means for converting an external request into a set of NE specific provisioning commands and protocols.

Lang: C++, Java **DB:** Oracle **OS:** HP-UX, WIN NT **Other:** JDBC, OOP, Rational Rose, RDBMS, SQL, UML, XML.

09/99 - 06/00 **LEVEL 3 COMMUNICATIONS (BROOMFIELD, CO) - SR. SOFTWARE ENGINEER**

Worked in the Customer Service Support group creating applications for the European Customer Service market. The projects consisted of Visual Basic front-ends to support all the data manipulation collected and categorized from the Level 3 customers. Provided support in the creation of Java forms to gather, and manipulate Gateway information. My duties included designing, coding, documenting, and writing test cases for Customer Service Support projects.

Lang: Java, VB6.0 **DB:** Oracle **OS:** WIN NT, **Other:** JDBC, ODBC, OOP, Rational Rose, SourceSafe, SQL, Toad, UML, WIN32 API, XML.

06/95 - 09/99 **GEOGRAPHIX, INC. (DENVER, CO) - SOFTWARE ENGINEER**

Worked in the development of an integrated Reserves Evaluation System (ResEV) designed to assist the petroleum engineers and geoscientists in the evaluation of oil and gas production, pressure, and economic forecast data. My duties included the GUI design, data model upgrade, mapping engine, and connectivity to competitor databases for the ResMap package. I was also worked on the maintenance of the previous releases of ResEV, and Technical Lead for the ResMap and LeaseMap products.

Lang: VB6.0, VC++6.0 **DB:** Access, Sybase SQL Anywhere **OS:** WIN 95/98/NT **Other:** Crystal Reports, DAO, GIS, MFC, ODBC, OOP, RDBMS, SourceSafe, WIN32 API.

08/93 - 03/95 **AMERICAN PRESIDENT LINES, LTD. (JERSEY CITY, NJ) - PROGRAMMER/ANALYST**

Provided end user development on PC's, Mac's, and mainframe platforms. I developed systems to solve real life problems under an inter-modal system combining ocean, rail, and truck transportation, and worked with field offices and had exposure to business situations through travel to field sites as end user products were developed.

Lang: C, VB3.0 **DB:** Access **OS:** WIN 3.11/95 **Other:** Crystal Reports, DAO, HyperCard, MitemView, ODBC, RDBMS, SQL

01/89 - 06/93 **IBM CORPORATION (KINGSTON, NY) - ASSOCIATE PROGRAMMER**

Worked on the development of Configuration Menu Licensed Internal Code (LIC) for the System/390 Mainframe Processor families. The Configuration Menu LIC is used to release a current configuration, configure and de-configure storage elements, central processors, and vector elements, initiate a Power on Reset of the processor complex, and dynamically modify the I/O capabilities of the system. I worked with hardware engineers to devise new ways of configuring storage for the ES/9121 processors, which resulted in many new customers' solutions. Duties included designing, coding and documenting Configuration Menu LIC; diagnosing problems using various debugging tools; participating in trouble shooting and testing the various processor complexes.

Lang: Assembler, C, PL/AS, REXX.

01/88 - 12/88 **ABACUS CORPORATION (SANTURCE, PR) - JUNIOR PROGRAMMER**

Provided support in the implementation of a communications program between a hand-held computer and an IBM AS/400. I maintained and modified programs used by the NORAND hand-held to process inventory and/or sales orders.

Lang: PL/I, PL/N.

EDUCATION: • Interamerican University of Puerto Rico, PR
BS Computer Science (1987)

CODE: • GitHub
<https://github.com/alphaaleph>
• Participated in Sharp's Developer program for the Zaurus SL-5000D.
http://en.wikipedia.org/wiki/Sharp_Zaurus
• Participated as a beta-tester for AppForge's C# SDK.
<http://www.appforge.com/>

OPEN SOURCE: • Ozone Database Project
<http://sourceforge.net/projects/ozone/>
• Thinlet
<http://thinlet.sourceforge.net/home.html>

SKILLS: • Demonstrated ability to work independently, and in conjunction with others.
• Good organizational, written, and oral communication skills.
• Proven aptitude for learning new technologies.
• Languages: Spanish and English.

REFERENCES: Available upon request.