Armando **Carrasco**
Software Architect and Developer

Address: 3605 Steck Ave Apt. 1003, Austin TX 78759
512.917.2804
armandocv@gmail.com
www.armandocv.com

PROFESSIONAL **STATEMENT**

Accomplished IT professional with successful track record of increasing shareholder value; experience with building high-concurrency, transactional and scalable Java applications; goal-oriented, pro-active and creative approach to solving problems; effective blend of intuitive and analytical cognitive styles; able to quickly comprehend new technologies and trends; "player-coach" working style.

EDUCATION

Universidad de las Américas Puebla, México

B.S., Computer Systems Engineering, 9.1/10

WORK **SUMMARY**

- Software architect and hands-on programmer of large and complex projects using Java technologies
- Expertise in Java: 12+ years of experience building high-concurrency, transactional and scalable enterprise, web and mobile applications
- Experience guiding teams and clients through entire lifecycle process of the project, on time and within budget
- Excellent Spanish and English communication skills
- Experience in:
  - Databases and query languages
  - Distributed computing (SOA)
  - Backend and Frontend development
  - Cloud computing
  - Data visualization
  - Mobile development
  - Real-time processing
  - Audio / Video broadcasting over IP
  - Agile methodologies
  - Design Patterns

TECHNICAL **SKILLS**

Operating Systems	Linux, Solaris, Windows , OS X
Programming Languages	Java (JSE, JEE), PHP, C/C++, XML, HTML5, CSS
Java Technologies	Servlets, JSP, JSTL, EJB, JMS, JPA, JDBC, JNDI, Web Services (SOAP, REST) Axis, JAX-RPC, JAXP (SAX, DOM), JavaMail, JUnit, Java Applets, Swing
Cloud Technologies	Amazon AWS, SAP Business ByDesign, Google App Engine, Salesforce
Frameworks	Spring, Struts (1.x and 2.x), Hibernate, Zend
Mobile Technologies	Android, PhoneGap, SMS, WAP, SMPP
RDBMS	MySQL, SQL Server, Oracle, PostgreSQL, Informix, DB2
Application Servers	Apache HTTP server, Tomcat, JBoss, WebSphere, Glassfish
Scripting	Shell Scripting, JavaScript, NodeJS, ActionScript, jQuery, AJAX
Enterprise third party utilities	SAP-Java Connector (JCo), Google Maps, Google Apps for Business API
Modeling and Reporting	MS Visio, UML, Power Architect, Jasper Reports, JFreeChart, Google Charts
IDE / Project Management	IBM RAD, Eclipse, NetBeans, JBuilder, Visual Studio, Xcode Maven, Ant
Source Control	SVN, CSV, GIT, MKS, Visual Source Safe
Development Methodologies	Agile (Scrum), Risk Based Project Management (RBPM)

RELEVANT WORK
EXPERIENCE

Keller Williams Realty, Inc.   (Jan 2014 - Present)
Solutions Architect

As an Engineering team Solutions Architect I supply architectural design, mentorship, and development expertise on several JEE projects. Define coding standards and build processes to improve code quality and development efficiency. Redesign existing Java applications to suit cloud architectures. The technology stack (AWS, JEE7, Spring, Hibernate, AngularJS) is focused on high performance, scalability, security and robustness. Implementation of SSO using SAML 2.0.

BIC Consulting USA, Inc   (Jun 2009 – Dec 2013)
Managing Director, SWF Manager, Tech Lead, Software Engineer

Served as the manager of the software factory, I led a team of fifteen engineers in developing custom, multi-tiered software systems for Fortune 500 customers in the automotive, retail and healthcare industry. I worked with the engineering team to design, develop (Java EE 6, PHP) and support large enterprise applications.

Hildebrando   (Aug 2006 – May 2009)
Software Engineer

HSBC. Architect for an Image Warehouse system. Development of high-concurrency applications for the CMB & Risk Management using DB2, Informix and WebSphere. I implemented several web applications that currently support millions of users using J2EE, Web Services (SOAP) and HSBC Execution Services framework.

Datapro, Inc. Development of a Letters of Credit module for an international core banking system using J2EE (EJB 3.0, JMS), IBM RAD and WebSphere. In addition, I had the opportunity of implementing the Swift protocol, used for interbank communication.

GB Mobile   (Feb 2005 – Jul 2006)
Software Engineer

Development of a SMS/MMS/WAP VAS platform using J2EE (EJB 2.1, JMS) and mobile technologies (SMS, WAP) with PostgreSQL and JBoss. I also implemented the SMPP protocol for SMS processing from scratch.

INAOE   (Feb 2004 – Feb 2005)
Software Engineer

Development of a Navigation System for Mexican Navy ships using several languages (Java, .Net, C++, Labview) and communication protocols (TCP/IP, UDP, TFTP, RTP). Responsible for the design and implementation of the communication infrastructure for data, images and video interchange among the ships. The system was able to process and share information from several devices, such as, Radar, GPS, Gyro-compass using the NMEA standard.

CERTIFICATIONS

SAP, Oct 2012
SAP Business ByDesign Studio Enablement

Sun Microsystems, April 2010
Sun Certified Java Programmer (SCJP) 6
License: SUN622894

Cisco Systems, May 2003
CCNA 1 Networking Basics

AWARDS

Keller Williams Realty, Inc.
Jan 2015 – Employee of the year.

BIC Consulting USA, Inc.
Dec 2010 – Employee of the year.

UDLA-P
Aug 1999 –Scholarship for Engineering in 1999.