



JAVA20110418JM

Software Architect

Profile

This candidate has eight (8) years of experience with Java technologies, four (4) years in architecture, design patterns, and two (2) years with Agile and Scrum. He is certified in Java and Microsoft.

Technical Skills

- Design Skills: software analysis & design in UML (enterprise architect, rational), design of architectures for Web based applications, Object Oriented analysis & design, JEE design patterns, Sun Microsystems trainer;
- Java: collection, multithreading, RMI, Sockets, SWING, etc.;
- JEE: JSP, JSF (Icefaces), Servlet, EJB 2.1, 3.0 & 3.1, Web Service Security (Axis, Metro, CXF), JPA, JMS, JDBC, JTA, JNDI, LDAP, Spring, Hibernate, Toplink, Eclipselink, Struts, AOP (Aspect Oriented programming), EHCACHE, Quartz, JT400;
- Spring/Hibernate: Spring, Hibernate 1.0, 2.0, 3.0;
- Middleware: Glassfish, Tomcat, Weblogic, OC4j, Websphere;
- XML/HTML: XML, XSLT, XSL, JAXB, SAX, StAX, DOM, HTML, CSS;
- Scripts: Java Script, JQuery, Dojo;
- IDE: Eclipse, NetBeans, JDeveloper, Websphere Studio;
- Source Control: Subversion, CVS;
- Database & Tools: Oracle, MySQL, SqlServer, DB2, DB2 on AS/400;
- Operating Systems: Windows, Linux & Solaris;
- Development Methodologies, Deployment & Testing: RUP, Scrum, JUnit, Maven, Ant, JMeter, JProfiler;
- Microsoft: Microsoft .NET;
- ERP & Other Systems: Oracle ESB, Sun Identity Management;
- Additional Skills: design of architectures for Web based applications, Object Oriented Software development, software engineering, development in JavaEE, Maven, XML/XSL Language, UML, development in Enterprise Java Beans, Spring.

Academic Education

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| Masters, Software Engineering | Polytechnic University of Madrid | 2008 |
| Post Graduate, Software Development Process | University of SB, Columbia | 2006 |
| System Engineer (with Honors) | University of SB, Columbia | 2003 |
| Honor thesis, software component generation mechanics for development of Java Web Applications | | |

Certifications

- Java EE6 Certified Javabeans Developer Beta;
- Java Sun Certified Enterprise Architect JEE5;
- MCS D;
- Oracle Certified Weblogic Server 10g System Administration.

Professional Experience

[ITAC](#), Bogota, Colombia

2006 – 2007 and 2009–2010

Java Architect

ITAC is a leading company offering consulting services and solutions in Java™, Java EE™, Web Services, Governance and SOA (Service Oriented Architecture), Web development & application support based on Java™ technology, JEE™, ESB and BPEL. ITAC develops its own security products and software for the clients in the financial sector:

- Assessed client requirements and determined the applicability of Java and JEE technology to a specific context;
- Was a project manager for industry-leading company projects, Java Trainer and key software developer;
- Led and mentored the development teams and insured best practice procedures were utilized;
- Analyzed the current software to minimize risks and to test the product's stability and reliability and tuned applications in both the development and production environment;
- Designed and developed ITAC's WS-Guardian which allowed the control of Service Oriented Architecture through the virtualization of centralized services. The product allowed ITAC to compete with products including IBM Datapower;
- Selected as 'Employee of the Year' at the JavaOne Event in San Francisco, USA;
- Java Sun Certified Enterprise Architect for the JEE 5 and one of the first 400 people receiving the Sun Certified Business Component Developer JEE 5.0 Beta;
- Led the migration of Davivienda Internet Banking from WebSphere Application Server to Sun Application Server (Davivienda is the second biggest bank in Colombia);
- Designed a cutting-edge system to centralize all Davivienda bank stock information.

ITAC Client Projects:

- ITAC WS-Guardian: designed and developed a product, which allowed adding access policies (IP restrictions, http headers, digital signatures, encryption, etc.) for web services published on Enterprise Service Buses without source code alterations. Platform: JEE, EJB 3.1, Hibernate, Icefaces, Eclipse, Web Services Security, Mysql, Oracle Database, Glassfish and Weblogic;
- ITAC SecureFile: designed and developed an enhanced encryption product and facilitated the exchange of information process among business partners through the use of robust mechanisms of encryption and digital signatures;
- Davivienda Bank (Retail Bank): designed and developed a platform to centralize all bank stock information. Platform: JEE, EJB 3.0, Toplink, Icefaces, Eclipse, Web Services, Oracle Database and Glassfish;

- Servibanca Banking Payment Platform: designed and developed a platform to manage business processes related to payments of public and private bill services. Platform: JEE, EJB 3.0, Icefaces, Glassfish and SQLServer;
- Bank of Republic (Central Bank of Colombia): consulted and implemented an Identity Administration System. Platform: JavaEE, Sun Identity Manager, Sun Access Manager, Java Sun Enterprise Application Server, SUN Directory Server, Oracle Database;
- Davivienda Bank (Retail Bank): developed and migrated Davivienda's Web application banking from Websphere Application Server to Sun Application Enterprise Server and designed Web services for fusion with Superior Bank;
- UNE-EMP: consulted and implemented an Identity Administration System: Spring, Sun Identity Manager. Platform: JavaEE, Sun Identity Manager, Sun Access Manager, Java Sun Enterprise Application Server, SUN Directory Server, Oracle Database;
- GNB Sudameris Bank (Retail Bank): consulted and developed a System Integration with "Sociedad Portuaria de Cartagena" and CIFIN-ASOBANCARIA central of risk by using Web Services Security (Axis, WSS4j). Platform: J2EE, Spring, Web services Security, Tomcat, Sql Server and AS/400 Database;
- Asobancaria: consulted, developed and integrated a Web System Scoring Risks. Platform: JEE, Spring, Struts, OC4j and Oracle Database;
- SENA: consulted and developed a Web "Enterprise Management" module for Colombia's Employment public services. Platform: J2EE, Struts, JSP, EJBs, DWR Ajax Framework, OC4j and Oracle Database.

UICentric, London, England

2007 – 2009

Senior Java Developer

UICentric is specialized in creating attractive and compelling user interfaces for a wide range of applications and industries. The company team included graphic designers, software developers, information architects and usability experts:

- Primarily worked on a British Telecom project to develop a media asset management system for iTV.

Coomeva, Cali, Columbia

2004 – 2006

Senior Java Developer

Coomeva is the biggest financial cooperative of Colombia with more than 82 branches all over the country recognized by its solidity, solvency and efficiency:

- Functioned as a software architect: analyzed, designed and developed software, designed unit testing and provided development support for junior team members;
- Developed "Xtremo Digital", a software focused on digitalization and document management;
- Designed a highly efficient architecture which enhanced usability;
- Reduced Coomeva's documents management costs by 50 %.

Sysgold, Cali, Colombia

2003 – 2004

To get more information, please contact Monika LABNER at 514-744-5353, extension 287.

NOVIPRO / Montreal – Quebec

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Senior .Net Developer

Sysgold is the largest provider of mobile business solutions in Latin America, serving more than 200 blue chip clients with 100,000 users in 20 countries. Its solutions allow enterprises to seamlessly connect their mobile workforces to corporate systems, making relevant business information and transactions always available when needed:

- Designed and developed Sysgold's new product architecture which was specifically oriented to the automatization of enterprise's selling with mobile devices.

MCM Software Solutions Cali, Colombia

2001 – 2003

Java Developer

International e-business solutions provider that offers a wide range of cost effective products and services to help companies take advantage of web based technologies:

- Analyzed business requirements and designed and developed software;
- Significantly accelerated the time-to-market of Web-based applications (reduced Web projects and IT staff training costs);
- Designed and developed Mithra software (tool focused on management and hiring of energy services to the Energy sector);
- Designed and developed JEvolution software (revolutionary software development product that allowed companies to quickly create Web based applications to deliver corporate information to its users, customers, vendors, business partners and others with no technical expertise needed to build web applications).

Written and Spoken Languages

French: basic.

English: excellent.