**Alberto Robles**

**Principal Developer**

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| **PROFESSIONAL SUMMARY** |

* Software Engineer focused on the Java Programming Language Technology and Java based Frameworks like Spring and Hibernate.
* Extensive experience in Java, Python, JavaScript and C programming languages.
* Experience working with standalone and web applications running on critical environments for high availability, high scalability and fault tolerance
* Knowledge of use of agile software development techniques like Scrum and Test Driven
* Industry experience: Stock Market, Insurance, Aviation

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| **WORK EXPERIENCE SUMMARY** |

* **Interacciones Casa de Bolsa–** Project Lead  **05/2011 – Present**
* **Grupo Financiero Interacciones –** Java Consultant and Developer  **09/2009 – 05/2011**
* **Inssoft Soluciones Java de Mexico –** Java Developer  **07/2008 – 08/2009**
* **Soluciones net –** Systems Analyst **01/2008 – 06/2008**
* **Frecuencia 122.1 –** Electronics System Designer **06/2007 – 12/2007**

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| **TECHNICAL SKILLS** |

***Operating Systems:***

*Linux, flavors Ubuntu, Red Hat*

***Software and Tools:***

*Agile software development with Scrum and JIRA, GreenHopper and Confluence, Test Driven, JUnit. Version Control with subversion. Service Oriented Architecture. Software Project Management with Maven / Ant, Spring (Core, MVC, WebServices ,Dao), Hibernate, JPA, Struts, Liferay , Terracotta, Coherence,Google Guava and Guice, FixFlyer Engine, QuickFixJ, WebServices, HTML, CSS, JSON, REST*

***Languages:***

*Java, Python, JavaScript, C*

***Application Servers:***

*Tomcat, Web Logic, Jetty*

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| **EDUCATION AND CERTIFICATIONS** |

* **B.A. in Computer Systems,** Instituto Politecnico Nacional, Mexico City, Mexico. 2007

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| **WORK EXPERIENCE** |

**Interacciones Casa de Bolsa**

**Project Lead**   **05/2011 – Present**

Replaced obsolete software infrastructure with new software solutions.

* Propose and implement software solutions in order to replace obsolete software infrastructure for Capital Markets mainly for Direct Market Access and develop software elements to support and connect foreign clients (USA and Brazil) to the Mexican Stock Market through Interacciones Casa de Bolsa using Java based technologies and FixFlyer a specialized Java software for high frequency and low latency electronic trading.
* Managing software development process from design to deployment using agile methodologies as Scrum (backlog, sprint, versions).
* Developing tools for performance measuring, troubleshooting and supporting critical issues in production environments.

***Technologies:*** *Java, FixFlyer,*

**Grupo Financiero Interacciones**

**Java Consultant and Developer 09/2009 – 05/2011**

Worked as consultant, developing software for the implementation of systems for the management of trust agreements .

* Development with high availability Java technologies like Oracle Coherence and Terracotta in order to improve performance to critical software components.
* Working as consultant and developing software for the implementation of systems for management of trust agreements for Banco Interacciones, using Spring Framework and Hibernate and deploying with WebLogic.
* Implementing new internal portal using mainly Java web bases techno logies like Spring Web, Spring Web Services and Portlets.

***Technologies:*** *Spring Web, Spring Web Services, Portlets, WebLogic, Spring Framework, Hibernate, Oracle Coherence, Terracotta, Java*

**Inssoft Soluciones Java de Mexico**

**Java Developer 07/2008 – 08/2009**

Hired as a Java Developer to work on an insurance web application.

* Development of Java based software components for a web application used to calculate and generate car insurance quotes using Spring Framework , this system was development for Aseguradora Interacciones.
* Developing general purpose management systems using Spring Framework and deploying in Apache Tomcat.

***Technologies:*** *Spring Framework, web application, Java, Apache Tomcat*

**Soluciones net**

**Systems Analyst 01/2008 – 06/2008**

* Functional requirement analysis, UML design and developing Java based Web Applications deploying in Apache Tomcat and Jetty web Server.

***Technologies:*** *UML, Java, Web Applications, Apache Tomcat, Jetty web Server*

**Frecuencia 122.1**

**Electronics System Designer 06/2007 – 12/2007**

* Design and implementation of hardware and software modules for Flight Training Device class Boeing 737-NG (The first built totally in Mexico).

***Technologies:*** *Flight Training Device*