

# ROLANDO RODRÍGUEZ-CRUZ

## MSc in Technology Management

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## WORK EXPERIENCE

### Full Stack Engineer (Kinesso IPG)

#### BairesDev

📅 Jul 2019 – Present 📍 San Francisco, California, USA

- Designing and developing user interfaces using Angular9 and Bootstrap 4.
- Automation of End-To-End testing using Cypress.
- Developing API Rest using Spring Boot, Spring Security (OAuth 2.0), Swagger and Gradle to integrate with Amazon EC2 cloud based architecture.
- Developing data access layer classes using Spring JPA/Hibernate for interaction with MySQL Server.
- Using JUnit with the Mockito framework for backend unit tests.
- Using Github and Jenkins for CI/CD.
- Scrum for agile development.

AWS MySQL Spring-Boot Angular9 Cypress

### Electronic Invoicing Specialist

#### Self-Employed

📅 Apr 2012 – Present 📍 Guayaquil, Ecuador

- Electronic invoicing specialist with more than 8 years of experience designing and developing architectures for companies from Ecuador, Peru and Colombia using Java, XML, SOAP, REST API, UBL 2.0/2.1, XAdES-BES, XAdES-EPES.
- Upgrades and enhancements according to the requirements of the tax authorities: SRI, DIAN, SUNAT.
- Integration with third-party financial applications using Apache Camel framework and Camunda BPMN.
- Creator of Veronica, the first open source e-invoicing platform for Ecuadorian companies using Spring-Boot, OAuth 2.0, PostgreSQL, iReport, Fabric8, Docker, MapStruct, ActiveMQ and DigitalOcean.
- <https://github.com/rolandopalermo/veronica-open-api>
- <https://veronica-api-sbox.rolandopalermo.com/swagger-ui.html>
- <https://veronica-api.rolandopalermo.com/swagger-ui.html>

DigitalOcean PostgreSQL Docker Spring-Boot Camunda

### Java Backend Developer (24HourFitness)

#### Softtek

📅 May 2018 – May 2019 📍 Carlsbad, California, USA

- Developing API Rest using BPMN2.0, Camunda, Spring-Boot, XSLT, XPath, XQuery, SOAP/REST Web Services, JBoss.
- Developing data access layer classes using Oracle 11g, MySQL and Apache Ignite.
- Using Crucible, Bamboo and Gitlab for CI/CD.
- Scrum for agile development.

MySQL Oracle Apache Ignite Spring-Boot Camunda

### Java Senior Developer

#### Seguritech

📅 Nov 2017 – Apr 2018 📍 León, Guanajuato, México

## ACHIEVEMENTS



### Outstanding student 2014 - 2015

University of Guanajuato recognizes an undergraduate student who has displayed distinctive leadership and meritorious service to his profession.

Leadership

Project Management

## CERTIFICATIONS



### AWS Certified Cloud Practitioner

Issued Oct 2020



### Oracle Certified Professional, Java SE 6 Programmer

Issued Jul 2014

## SKILLS

### Cloud Computing

- VPS, VPC, and load balancing over DigitalOcean.
- Amazon EC2, S3, CloudWatch.
- Docker, Docker Compose, Docker Swarm.

### Software (Backend)

- MySQL, PostgreSQL, SQL Server, Oracle.
- Java 6/8/11, Spring-Boot, Tomcat, Glassfish, JBoss, Websphere.
- SOAP, REST, ESB, BPMN, EIP.

### Software (Frontend)

- HTML5, CSS, Javascript, JQuery.
- Typescript, Angular, Bootstrap.

## LANGUAGES

English  
Spanish



## OTHER INTERESTS

IoT

Open Source Software

Computational Geometry

PC Gaming

- Designing and implementation of a Computer Aided-Dispatch System.
- Designing and developing user interfaces using Angular 1.3, JQuery, Javascript, HTML 5, and CSS.
- Developing API Rest using Java 8, Apache Tomcat, Spring Framework and JAX-WS and SQL Server.
- Developing data access layer classes using Hibernate framework.
- Gitlab for version control system.
- Scrum for agile development.

SQL Server

Apache Tomcat

Spring Framework

AngularJS

## Java Developer

### MDP

 Mar 2017 – Ago 2017

 Lima, Peru

- Web application migration from Struts 2 to Spring 4 with XML-based configuration using Gradle, Team Foundation Server and Websphere 8 Web container.
- Integration with “IBM Web Content Manager” components.
- Use Scrum for agile development.
- <https://www.prima.com.pe>

Spring Framework

Websphere

IBM WCM

## Java Developer

### IA Interactive

 Nov 2016 – Feb 2017

 Morelia, Michoacán, Mexico

- Designing and developing user interfaces using JQuery, Javascript, HTML 5, Bootstrap and Stylus.
- Developing backend application using SOAP Web services, Java 8, Spring Framework 4 (Spring Core, Spring MVC, Spring Security) and Maven.
- Integration with SAP HCM using using remote function calls (RFC) and SAP JCo.
- Used Bitbucket for version control system.
- Use Scrum for agile development.

Javascript

Spring Framework

SAP RFC

## Java Developer

### Hermes Transportes Blindados S.A.

 Jul 2013 – Feb 2014

 Lima, Peru

- Designing and developing web services using Java, Oracle Forms 11g and WebLogic platform.
- Developing data access layer using PL/SQL, MyBatis, stored procedures and functions.
- Analysis and documentation using UML.

Java

Oracle Forms 11

PL/SQL

## Java Developer

### CSTI Corp

 Jul 2012 – Jun 2013

 Guayaquil, Ecuador

- Integration between J2SE platform and SAP SD module using remote function calls (RFC) and SAP JCo.
- Developing data access layer using SQLite and JDBC.
- Reports implementation using iReport and POI.
- Developing graphical user interfaces using Java Swing.
- Designing and developing an electronic invoicing platform based on SOA architecture.

SAP SD

SQLite

Java Swing

## Java Junior Developer

### GTE Perú

 Sep 2011 – May 2012

 Lima, Peru

- Designing and developing a Web application for ADSL projects management using Extjs 3.0, JSON, JSP, Servlets, MySQL and Tomcat.
- Integration between J2SE platform and DSLAM's management tools (Alcatel & Huawei) by using TL-1 and CLI protocols.
- Designing and developing a designer for network topology diagrams with 2D-vector graphics support using Java.

MySQL

JSP

Tomcat

TL-1

## Java Junior Developer

### Empresa de Transportes Turismo Directo Asegurado

 Sep 2011 – May 2012

 Trujillo, Peru

- Developing a web application for bus tickets booking online using JSP, Servlets, JavaScript and Glassfish.
- Developing data access layer using SQL Server 2008, JDBC and DAO pattern.

JSP

Servlets

SQL Server

Glassfish


## EDUCATION

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### Master in Technology Management


#### University of Guanajuato

 Aug 2014 – Jul 2016

 Guanajuato, Mexico

### Cisco Networking Academy Student


#### Private University of North

 Jun 2010 – Jun 2011

 Trujillo, Peru

### Computer Science

#### National University of Trujillo

 May 2005 – Dec 2009

 Trujillo, Peru