**JIMMY JAVIER PALMA TIGASI**

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**SOFTWARE DEVELOPER**

Over 8 years of experience in full-stack development. In the back-end, I have worked in Java, especially, Spring Framework, Spring Boot. In front-end, I have developed in Angular, and besides worked in Android and iOS technologies. Experience contributing to the development of comprehensive solutions based on project requirements, including front- end and back-end functionality. Able to create and integrate RESTful web services, familiar with modern technologies like Tomcat, jQuery, Spring, MySql, Eclipse, Android Studio, and Xcode.

Full-stack Application Development • Object Oriented Java Programming • Micro Services

Unit Tests • Troubleshooting • Design Pattern • User Interface

**CORE COMPETENCIES / TECHNICAL SKILLS**

**Languages:** Java , Kotlin, Swift.  
**Web:** HTML / CSS, JavaScript, Bootstrap, jQuery, JSON, TypeScript  
**Web Services:** REST  
**Web and Application Servers:** Tomcat ,JBoss  
**Frameworks:** Spring, Spring Boot, Angular, NodeJS, Hibernate, Android, iOS  
**Databases:**MySQL, MS SQL, MongoDB, OrientDB

**Design Pattern:** Singleton, Factory, Strategy, Observer, Builder, State, Adapter.

**SDLC:** Agile, Scrum.  
**Tools:** Eclipse, Android Studio, Maven, JIRA, Postman, Git, StarUML, JACOCO, PMD, Jenkins, Visual Studio Code, Drools, Xcode, SonarQube

***CAREER NOTE:*** *Completed on-campus studies and currently taking distance education courses to complete a* ***Master's Degree in Computer Science*** *(Available for full-time, W-2 employment under CPT).*

**PROFESSIONAL EXPERIENCE**

**ACADEMIC PROJECTS, IOWA 11/2019 – present**

**Social Management System, MIU (May 2020)** Designed and developed a project to manage the photos and descriptions for the user. Besides, people can comment and like the photos, and the user can management if the comments apply. ***Technologies Used:*** NodeJS and Express , Mongoose as back-end server, MongoDB as database, Angular as client side, Herocu cloud platform.

**Online Dictionary, MIU (Apr 2020)** Created a simple website which functions as an online English dictionary, with data stored on a web server as a SQL table. ***Technologies Used:***HTML, CSS, JavaScript, Module Pattern, jQuery, AJAX, SQL, JSON

**Student Enrollment System, MIU (Feb 2020):** Created website with check validation, authorization, and authentication. ***Technologies Used:*** *Spring Library, Hibernate, Maven, Spring Boot Security.*

**Library Management System, MIU (Dec 2019)** Designed and developed a project to manage all library operations, including members and books. **Technologies Used:** Java, Spring Boot

**KRUGER CORPORATION, Quito, Ecuador 06/2015 – 10/2019**

Enterprise Software development Company

**Full Stack Java Developer**

***Tasks Performed:***

* Analyze software quality by PMD, JACOCO.
* Developed Micro services with Spring Boot and Eureka Server for the back-end
* Developed and consumed RESTful services.
* Performed unit tests with JUnit.
* Use Agile development tools such as JIRA.
* Continuous integration with Jenkins.

Angular:

* Consume Rest Web Services with HttpClient
* Show data in Grids and graphics using angular-google-chart

Android:

* Work with Kotlin Language
* Consume rest services with library Retrofit
* Layout in activities and fragments
* Show list of products using ListView and RecyclerView
* Develop an application to send pictures to the server in a multipart rest service
* Use GPS to determine the location and enable/disable the access to the camera to take pictures
* Reduce picture size before sending them to server
* Reference to the mentioned projects:
  + [https://play.google.com/store/apps/details?id=ec.com.smx.enpercha2](https://www.google.com/url?q=https://play.google.com/store/apps/details?id%253Dec.com.smx.enpercha2&sa=D&source=hangouts&ust=1591384638278000&usg=AFQjCNE2Q6NGUgM2QMiyUsJrCh9UZfndaA)
  + [https://play.google.com/store/apps/details?id=ec.com.smx.cfmx](https://www.google.com/url?q=https://play.google.com/store/apps/details?id%253Dec.com.smx.cfmx&sa=D&source=hangouts&ust=1591384638278000&usg=AFQjCNFOnbKpaad-9dfMHHmAIuYUediuZA)

iOS:

* Work with Swift
* Consume rest services with library Alamofire
* Design Storyboards in different files to avoid git merge problems
* Develop an application to send pictures to the server in a multipart rest service
* Use GPS to determine the location and enable/disable the access to the camera to take pictures
* Reduce picture size before sending them to server
* Reference to the mentioned projects:
* <https://apps.apple.com/us/app/en-percha/id1081893527>

***Technologies Used:*** Java, Spring Tool Suite, Kotlin, Android Studio, Swift, Xcode, Drools, OrientDB

**MAGMASOFT INNOVANDO, Quito, Ecuador 08/2014 - 06/2015**

**Full Stack Java Developer**

Contributed to the development of comprehensive software applications.

***Tasks Performed:***

* Develop Micro services by Spring boot for the back-end.
* Created and integrated RESTful web services
* Performed unit tests with JUnit.
* Use Agile development tools such as JIRA.
* Wrote database functions and procedure in MySql.

***Technologies Used:*** Java, Spring, Restful Web Services, Eclipse, My Sql, JPA.

**AFN AUTORIDAD DE CERTIFICACION, Quito, Ecuador 01/2014 – 08/2014**

**Full Stack Java Developer**

Key member of the software development team.

***Tasks Performed:***

* Use Agile development tools such as JIRA.
* Investigated all technical issues and created targeted solutions.
* Developed user interface with Prime-Faces
* Develop Java application for the back-end
* Integrated RESTful services from both internal and external sources.
* Performed unit tests with JUnit.

***Technologies Used:*** Java, Spring, Prime-face, Rest API, JPA, Eclipse, Bootstrap, Css, html.

**SINGULARITY, Quito, Ecuador 05/2013- 01/2014**

**Full Stack Java Developer**

Implemented components for software applications,

***Tasks Performed:***

* Use Agile development tools such as JIRA.
* Investigated all technical issues and created targeted solutions.
* Develop Java application for the back-end
* Integrated RESTful services from both internal and external sources.
* Performed unit tests with JUnit.

***Technologies Used:*** Java, Eclipse, Bootstrap, Css, html.

**TARIKU (startup project), Quito, Ecuador 06/2012 – 05/2013**

* Develop a Startup Android application to promote tourism in the city of Quito
* Using Java to create TARIKU application
* Won the prize of Campus Party in 2013
* Link to the TV interview
  + <https://www.youtube.com/watch?v=pKYhXu3RNJE&feature=youtu.be>

**EDUCATION**

**Master of Science in Computer Science**

*(In progress via distance education; expected completion June 2022)*

Maharishi International University, Fairfield, Iowa

***Coursework:***

Fundamental Programming Practices, Modern Programming Practices,Enterprise Architecture, Advanced Software Developer, Algorithms, Web Application Architecture

**Bachelor of Science in System Information**

Escuela Politecnica Nacional, 2007-2013

Quito, Ecuador

*Coursework:* Algorithm Designs, Software Engineering, Operating Systems, Machine Language and System Programming, Computer Architecture, Object Oriented Analysis and Design, Principle of Database Design

**PROFESSIONAL CERTIFICATES**

Oracle Certified Professional - Java SE 6 Programmer