



MARIO CASTILLO

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ABOUT ME

I aim to bring a combination of experience, leadership and management skills applied to a technical context with a team of developers.

REFERENCES

- **Tyrone Mañasco - "ITLD Government of Gibraltar"**
Director
tyrone.manasco@gibraltar.gov.gi
- **Francisco Javier Camacho - "Indizen"**
Lead Software Engineer
fj.camacho@indizen.com
653188765
- **Abel Dominguez Ruiz - "Plain Concepts"**
Software Architect
abeldr1988@gmail.com
622074530

SKILLS

- Analysis and task management effectively.
- Java expert with more than 10 years of experience.
- Guide and mentor new developers.
- Experience in international English-speaking projects.
- Used to work in fast paced environment.
- Proactive, dedicated, enthusiastic and passionate professional.
- Intercommunication between servers.
- Agile development with Scrum.

COMPETENCES

- **Leadership & Management**
Technical Lead, 4 years
Guide and mentor, 2 años
- **Programming languages**
Java, 13 years
NodeJS / JavaScript, 3 years
PHP, 6 years

- **Application Servers**
JBoss AS / Wildfly, 6 years
Tomcat, 6 years
Liferay, 3 years
Weblogic <1 year
- **Databases**
MySql / MariaDB, 9 years
Oracle, 4 years
- **Message Brokers**
ActiveMQ, 3 years
RabbitMQ, 1 year

TRAINING

- **Indra, Málaga**
2019
Effective Supervision
100/100
- **Redhat, Madrid**
2011
JB325 Advanced JBoss Enterprise Development
- **Near Technologies, Seville**
2011
C36 Java EE 6
- **I.E.S. Las Lagunas de Mijas, Málaga**
2010
Computer Applications Development

PROFFESIONAL EXPERIENCE

- **Indra**
10-2017 - Present
Senior Technical Lead
First year from Arelance
- **Acastles Ltd**
10-2016 - Present
Technical Lead
- **Sapphire Networks**
12-2014 - 08-2016
Technical Lead
- **Bland Group International**
10-2013 - 12-2014
Senior Software Developer
- **Altare Servicios Profesionales**
12-2012 - 07-2013
Senior Software Developer
- **Near Technologies**
06-2010 - 12-2012
Software Developer

PROJECTS

- **Core2, Indra**

Technical lead for a series of live projects in the factories of software from Malaga, Seville and Madrid. All projects have been carried out with Indra's specific Core2 product as a solution for transport.

These projects have the following specifications:

1. Language: Java 1.8.
2. Application server: Wildfly or Weblogic.
3. Operating system: Linux or Windows Server.
4. Databases: Oracle or MsSql.
5. JMS Messaging: ActiveMQ.
6. Project hierarchy: Maven with its own repository.
7. Pages: JSF with Hibernate database layer.
8. Cache management: Embedded or remote with Infinispan.
9. The internal modules have been made following the Java standards.

The teams working on each project were always between 5 and 10 people.

- **Government of Gibraltar, Acastles Ltd**

Technical lead of different projects which are required for high availability, of the citizen portal built for Gibraltar.

These projects have the following specifications:

1. Language: Java 1.8.
2. Application server: JBoss AS.
3. Operating system: Red Hat.
4. Databases: MySql.
5. Project hierarchy: Maven with its own repository.
6. Pages: Jboss Seam with JPA.
7. Process management: JBPM.
8. Cache management: Embedded with Infinispan.
9. The internal modules have been made following the Java standards.
10. Internal modules have been made following Java standards.

The team was up of 8 developers.

- **Synchronization system, Sapphire Networks**

Internal PHP projects were carried out to achieve certain objectives such as appointment control synchronized with Google Calendar, or the installation of a POS.

The main project needed to synchronize multiple systems, through APIs, databases and SSH. The systems to synchronize were the following:

1. Accounting: Open source web application in Java that was connectable through its own API.
2. Telephony: Private VOIP system that provided service to customers who contracted this service. This system could only be used through MySQL database.
3. Fiber: This system provide FTTH. The last smart device on the network had to be updated with the client's information. Once the MAC of the client router connects, it will be sent router configuration automatically.
4. IPTV: The system used for IPTV that was connectable through its own API.
5. Radius Authentication: To define the router profile, authentication was used through the protocol Radius. For this feature a FreeRadius2 server with its own API was used.

This project has the following specifications:

1. Language: NodeJS.
2. Operating system: Linux.
3. Databases: MySQL.
4. Authentication: Radius.
5. The Javascript modules used were modified as necessary. As an example the SSH module were modified because the communication with a network device wasn't compatible.
6. Another feature of this project was execution and error control.

The entire synchronization project was created from scratch.

LANGUAGES

- Native Spanish
- Fluent English