Jorge Vieira Luna

C/ DE LAS VIOLAS 8 2ºB 28054 MADRID

(+34) 685 324 325 – 91 511 42 62

TRYJORGECATCH@GMAIL.COM

IT engineer graduate with very successful marks, passionate about Object Oriented Programming (Java) architecture, Agile methodology (Certified SCRUM Master) and algorithm performance. Always looking for the thrill of joining on-point programming projects and working with interesting and fun people.

Professional experience

GFI INFORMÁTICA
Junior consultant, 2008

- Analysis of advantages and disadvantages of various Content Management Systems like **Alfresco** or **Joomla!**, for it's usage in customized applications for clients.
- Management and interconexion of web servers and databases (**XAMPP**) for **Java** applications.

MAHOU SAN MIGUEL
Officer and operator, 2009 - 2016 in high demand seasons.

- Various operations on the **robotic** field of industrial machinery using programmable interfaces.

SOPRA STERIA
Programmer analyst, 2017 - present.

- Took part on the company division for research and self-modernization (Managed the development of a facial recognition proof of concept under a **Java webapp** running on **tomcat** at the back and **javascript/jquery/html/css** at the front, with **OpenCV** as image processing libraries).
- Successfully developed the architecture (**Java, Spring, Maven, JSF, REST webservices, JUnit tests**..) of a brand new web application for a very important client on the spanish railway transport sector, which was later used to finish the project on time and with ease.
- Joined the long-term development of a web application for a client leader of the aerospace international market with **high security/performance requirements** as a programmer analyst, managing the implementation of new functionallities from start: Requirement specification analysis (**DOORS**) functional analysis (**Enterprise Architect**), GUI design (**MS Visio**), **ORACLE database** changes and code implementation on **Java** using **Maven**, **Spring** and other on point technologies.
- Designed and implemented the architecture of a Java web application for a leading client in Spain's railway industry, which used as a core **Spring MVC**, **Thymeleaf+JQuery** and **REST microservices**. Also had the chance to create and configure the **Continuous Integration** environment for this application, which used **DevOps** tools such as **Nexus OSS** repository, **SonarQube** code analysis and **auto-deployment** using git webhooks.

Certificates

- **SCRUM Master** (www.scrum.org, 2019)

Academic file

- Superior technician in Informatic Systems Administrator (graduated with honors)

- Graduate in Information Technology engineering (**6** subjects with honors, **8.1** average grade over a maximum of 10).

Java aptitudes

- **Spring** (Spring security, Spring MVC, Spring web, Spring REST repositories, Thymeleaf, Spring Test).
- **Hibernate** & **JPA**.
- **Maven** library & repository management.
- **REST web services** both client & server side using Spring libraries.
- **Microservice architecture** knowledge using REST web services & **load balancing (ribbon)**.
- **JSF 2.0** (Java Server Faces) + **Primefaces**, both on the front and the backing side.
- **Jasper Reports.**
- Unit tests with **Spring Test + JUnit**.
- **Code performance**: Knowledge of how data-structures work interally, ability to choose the one required for the task. Algorithm optimization on time/memory.
- **Good coding practises**: Clean code, proper distribution in layers, service interfaces, etc. Continuous integration and upload to the SCM.

DevOps aptitudes

- **Maven** packaging: war/ear plugins and compilation.
- **Git webhooks** to trigger Jenkins tasks.
- **SonarQube** integrated in a Jenkins pipeline.
- **Nexus OSS** for dependency management & artifact versions storage.
- **Jenkins.**

Diverse tools experience

- Web containers:
  - **Apache Tomcat.**
  - **IBM Websphere.**
- Version Control / SCM:
  - **Git CLI.**
  - **Apache Subversion.**
  - **IBM SCM.**
- Agile methodology tools:
  - **MS Team Foundation Server.**
  - **MS Teams.**
  - **JIRA**
- Software analysis & design:
  - **IBM DOORS.**
  - **Enterprise Architect.**
  - **MS Visio.**
- Various:
  - **Regular expressions.**
  - **Spring boot.**
  - Common tools for editing, merging, etc (**SublimeText, Meld**..).

Personal aptitudes

- Capable of designing application architectures from scratch using the mentioned technologies.
- Experience coordinating functionallity-oriented teams.
- Friendly attitude, love working with people of all origins and expertises. It's interesting and always a chance to learn.
- Used to deal directly with the client with utmost correctness and responsability.
- Resilient under pressure and high work-load conditions.

Programming contest achievements

- Ada Byron 2015: Winner (first place).
- SWERC Porto 2016 for West Europe: UCM international representative.
- Ada Byron 2017: Staff.

Scientific publications

- *A Pac-Man bot based in Grammatical Evolution* (CoSECiVi 2017)
    - Based in my undergraduate thesis, research on the application of AI technologies to video games.
    - The undergraduate thesis won the first Sopra Steria price to the best undergraduate thesis of 2017 in the UCM.

Additional skills

- Basic knowledge of programming languages such as C, C++, Haskell, Prolog and C#.
- MS Excel, MS Word.
- Unity (2D, 3D).
- Development of apps for Android using Unity and C#.
- Native spanish spoken and written.
- High level of english spoken and written.
- Medium level of japanese spoken and written.
- B driving license (car).

Relevant external resources

- **GitHub** portfolio: *jorgevl*
- **Stack Overflow** profile: Jorge.V
- **LinkedIn** *Jorge Vieira Luna*
- **Personal website** (Be sure to check it if you want to know more about me, look at some pictures, this resume in spanish/japanese and more!): *http://tryjorgecatch.com*