

PERSONAL INFORMATION




Alejandro Gálvez Vicente

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Sex Male | Date of birth 08/02/1992 | Nationality Spanish

JOB APPLIED FOR

Developer/Analyst

WORK EXPERIENCE

09/10/2017–Present

Physical Processes Designer and Analyst

Telefonica España, Madrid (Spain)

Member of the Physical Processes Design team, related with the Company's project TELCO.

TELCO aims to digitally transform every tool and program used by Telefonica. In order to reach this goal, every tool and program is re-analysed and re-implemented following this steps:

- 1.) User Cases
- 2.) Logical Design
- 3.) Physical Design
- 4.) Codification
- 5.) Tests

So, in this context, I'm involucrated with steps 3, 4 and 5. My role is **analyze** the logical designs that I'm provided with and **create** a Physical Design and it's **documentation**. This documentation will be given to a developer who will be responsible for it's **implementation**.

While the desing is being implemented, I have to keep in contact with the **developers** to guide them, make corrections in the documentation and **answer** their design-related **questions**.

Once the design is implemented, I have to check that the **code style** follows the company's **good practices** and test and deploy it in the different testing environments. To accomplish this task I have to **coordinate** with different teams to ensure that the necessary dependencies have been deployed.

Once the code has been tested and passes all the quality standars it's deployed in production.

The technology stack used in this process is:

- **Java8** for backend code (SpringBoot) and **SpringBootTools** as IDE
- **AngularJS** for frontend code
- **Oracle DB**
- **Sonar** for code quality
- **JUnit & Mockito** for unitary tests
- **Postman** for REST APIs, **SOAPUI** for SOAP services
- **Weblogic** to deploy JARs

30/05/2016–06/10/2017

Back-end Developer

MIRAI ESPANA, Madrid (Spain)

Part of Mirai's back-end developers team.

As part of Mirai's back-end developers team, I had to analyze the requisites, desing the low level architecture, code, test and deploy new functionalities.

Overall, I developed software related with hotels management and statistical reports. This reports used a different DDBB to extract data, MongoDB specifically. The ETL process which migrated the data from PostgreSQL to MongoDB was one of my biggest achievements.

Also, I had to develop Front-end related stories, using JQuery, JSPs, CSS Styles, etc. This developments where focused in the company's intranet, where hoteliers configure their hotels.

Another business branch was the third-party integration with brands like Google, Trivago, TripAdvisor, etc. I contributed in the development of Trivago's ExpressBooking and Google's HotelAds API integration.

Hotel business and basic economic theory related knowledge was necessary.

- Back-End development:
 - Language: **JAVA**
 - **MVC**
 - Development framework: **Spring** (SpringBoot, Spring-Data, Spring-MVC...)
 - IDE: **Eclipse Neon**
- Front-End development:
 - Developments using **REST** paradigm: **JQuery y HTML5** for Front and **Spring** for Back.
 - View Development using **Spring-MVC** and **JSPs**
- System Administration:
 - Basic **Shell Scripting**
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- Dependency control: **Maven**
- Application deployment with **Apache Tomcat**
- NoSQL persistence with **MongoDB**
- **SQL** queries and Information management with **PostgreSQL**
- Version Control: **SVN**
- **UML** to write and draw diagrams and documentation
- Agile developments: **Scrum, Kanban, TDD.**

12/11/2015–24/05/2016

Back-end developer

HP Enterprise - EXPERIS Spain, Zaragoza (Spain)

Member of PRIMA's developer team, formed by more than ten (10) developers divided in two teams: Front-End and Back-End.

As a member of the Back-End team, I had to analyze the new modules of the system, create the low-level architecture, code it and test that works as intended.

Used technologies:

- Back-End development using **JAVA**
 - **SOA** architecture
 - Framework **Switchyard**
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- Dependency control: **Maven**
- Application deployment with **JBoss** using **Switchyard's** technology

- **SQL queries** and Information management with **SQL Server**
- Version control: **Git**
- **UML** to write and draw diagrams and documentation

01/06/2015–30/09/2015

Junior Analyst/Developer

IDIOGRAM TECHNOLOGIES, S.L., Zaragoza (Spain)

- Responsibilities as analyst:
 - Market researches
 - Basic consulting for new clients
 - Information classification using Excel Sheets and Macros
- Responsibilities as programmer:
 - Designer of automated web-data extraction algorithms using **iMacros and VisualBasic Application**
 - Programmer of basic level **AngularJS's** modules
 - Deploy and configuration of **Nuxeo** (Documental System)

16/02/2015–30/05/2015

Junior Developer

Tap Consultoria, Zaragoza (Spain)

EON's ERP BI module developer.

Twenty (20) KPIs developed working with business consultants and graphic designers.

Responsibilities:

- Client's requisites analysis
- Use and learning of economic and business concepts in order to develop the logic of the KPIs
- FullStack developer: Back-End + Front-End
 - Back-End technologies: **Java, Oracle SQL, Hibernate, Java Persistence/Criteria, Ant, JBoss.**
 - Front-End technologies: **Framework Vaadin.**
- Documentation made using **UML.**

EDUCATION AND TRAINING

01/12/2016–15/01/2017

Functional Program Design in Scala

École Polytechnique Fédérale de Lausanne

16/01/2017–15/02/2017

Functional Programming Principles in Scala

École Polytechnique Fédérale de Lausanne

23/04/2016–24/04/2016

NASA SpaceApps 2016 Competitor

NASA, Zaragoza (Spain)

11/04/2015–12/04/2015

NASA SpaceApps 2015 First local Award

NASA, Zaragoza (Spain)

10/09/2010–05/10/2015

Computer engineering degree (Information Systems specialization)

Universidad de Zaragoza, Zaragoza (Spain)

- 08/11/2014–09/11/2014 **PyCon Zaragoza 2014 volunteer**
PyCon, Zaragoza (Spain)
Volunteer in the event 'PyCon Zaragoza' celebrated in November of 2014.
In addition of the volunteer tasks (including interaction with a lot of people), I could see a lot of presentations of some IT's professionals and experts.
- 28/02/2014–28/03/2014 **Certificate in "Desarrollo en HTML5, CSS y Javascript de WebApps, incluyendo móviles FirefoxOS"**
Miriada X
- 14/02/2016–13/03/2016 **Certificate in "Introduction to BI and NoSQL DB"**
Miriada X
- 11/09/2008–01/06/2010 **High School Diploma**

PERSONAL SKILLS

Mother tongue(s) Spanish

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|----------------------------------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| Inglés | B2 | B2 | B2 | B2 | B2 |
| B2 Escuela Oficial de Idiomas | | | | | |

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Driving licence B