





Ángel Gamaza

Software Engineer

BASIC INFORMATION

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ACADEMIC INFORMATION

2018 **FINAL STUDIES PROJECT,**
Universidad de Cádiz
Air Quality Monitoring in real time:

- Service Oriented Architecture 2.0 (SOA/EDA).
- Empresarial Service Bus (ESB).
- Complex Events Processing (CEP).
- Spring Boot 2.
- HTML5, CSS3 & Javascript.
- MySQL & MongoDB.
- Internet of Things (IoT).
- Message Queue Telemetry Transport (MQTT).

Qualification: Honors

2016 **COMPUTER ENGINEERING STUDIES,**
2011 Universidad de Cádiz
Specialty in Computer Engineering and Systems Information.

Qualification: 7,26

WORK EXPERIENCE

EUIGS | ADMIRAL GROUP, Analyst Developer

April 2019 - Nowadays

Unification of access to different corporate applications, business tools and third-party applications through Single Sign-On (SSO), using SAML, OpenID and SCIM.

Development of a microservices architecture in AWS and deployment using infrastructure as code (CloudFormation), using a lot of the platform services:

- AWS Organizations & IAM.
- ECR & ECS (Fargate).
- RDS, ElastiCache, DynamoDB & OpenSearch.
- Lambda & S3.
- Route 53 & ACM (Certificate Manager).
- Simple Email Service (SES).

Additionally to it, I carried out configurations and security works for the VPC and ELBs, as well as CloudFront distributions.

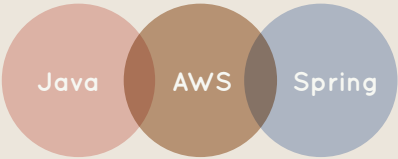
In the microservices development, the following technologies stand out:

- Java 21.
- Spring Boot 3.
- Spring Security, Cloud, MVC & AOP.
- Spring Data (JPA, Redis, LDAP, OpenSearch).
- MapStruct, Swagger & Feign libraries.
- Docker.

As a database, PostgreSQL is chosen, using Redis as a cache.

Analogous to development, basic unit tests are performed using Spring Boot Test and JUnit 5.

SKILLS



Advanced knowledges:

- Java 21.
- Spring Boot 3.
- Amazon Web Services.
- Web technologies (HTML5, CSS3 & Javascript).

Architecture knowledges:

- Microservices.
- SOA, EDA & ESB.

Database knowledges:

- SQL (Oracle, MySQL & PostgreSQL).
- NoSQL (MongoDB & DynamoDB).
- Redis.

Basic knowledges:

- Angular 16.
- jUnit 5 testing.

Other knowledges:

- SSO, SAML, OpenId & SCIM
- Maven & Git version control.
- Docker & containers.

LANGUAGES



Native Speaker



APTIS C1 English Certificate

atSistemas, Software Developer

April 2018 - April 2019

Management, set-up and maintenance of the Atlassian suite (Jira, Confluence, Bitbucket and Bamboo), as well as the development of modules and functionalities for Jira corporate add-ons, using the technologies:

- Java 8.
- Javascript.
- Spring Boot 2.

Additionally to it, I obtained a good understanding of Active Directory concepts and connectivity through the LDAP and LDAPS protocols.

Xerintel Internet Technologies, Software Developer

June 2016 - April 2018

Developments mainly based on the web, with technologies such as:

- HTML5, CSS3 & Javascript.
- PHP5.
- PrestaShop.
- SQL databases (Oracle, MySQL, PostgreSQL).
- DNS management & Server Management tools.
- Spring Boot 2.

Additionally to it, I obtained a great experience in customer service, due to technical support efforts, furthermore to graphic and vector design with Photoshop and Illustrator tools.

Universidad de Cádiz, Practices

February 2016 - May 2016

Extracurricular practices development with several technologies:

- Java 7 (Jersey & Jackson for APIs development).
- Mule ESB.
- MySQL databases.

Additionally to it, I performed several jobs with Arduino boards and the Internet of Things (IoT) on the ThingSpeak platform.