

## CAREER PROFILE

Multidisciplinar developer with +9 years of experience as a Freelance Full Stack Developer building solutions for big size companies like Securitas Direct and Telefonica. Skilled in designing and testing multiple applications including database design and deployment. Also lead a development team while transforming company procedures to adopt CI/CD and Automated Testing. Before freelance I did some stuff as an employee. You can check my linkedin profile for more details if you are interested in that part.



### **Backend Developer**

2019 - Present

2016 - 2020

Securitas Direct, Madrid

- Senior Backend Developer in IOT-M2M team working on the reception layer for security devices.
- Build microservices using Springboot+java and standalone applications (Java and QT/C++) for receiving signals and multimedia from devices using differente protocols (UDP+STUN, TCP/IP, XMPP, SMS, HTTPS REST)
- Deployment with k8s using helm and Jenkins pipelines.
- Working in a remote team using Scrum methodology (Jira, Confluence and Bitbucket)
- Collaborate with testers in design and implement Automation Test strategy.
- Performance testing using Jmeter and custom scripts (bash, ruby, python...)

### Lead Developer

Aviva Voice System and Services S.L., Madrid

- Lead Developer in charge of transforming company development procedures.
- Define and implement procedures for CI/CD with Jenkins.
- Move from a "manual-testing" environment to a "automatedtesting" environment focusing on regression test to improve quality of code.
- Collaborate with support and operations team to implement endto-end procedures for validating and deployment in production enviroment.
- Improve Development lifecycle defining new procedures and tools.
- Working with the business units to define and improve the procedure for taking requirements and speed up delivery times and quality.



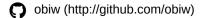
# Sergio Martín

Full Stack Developer

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Resume PDF (http://www.africau.edu/images/default/sample

### EDUCATION

**BSc in Computer Science** University Politécnica of Madrid 2000 - 2004

Certificate of Higher Education in Development of software

Joyfe School of Madrid 1998 - 2000

### LANGUAGES

English (Professional)

Spanish (Native)

- Working as a Freelance with B2B contract for different projects related to develop components for reception layer.
- Building an SMPP connector for integrate SMS channel with a wide range of network operators. Allow adding new operators using and standard protocol just with configuration changes instead of implement operator's SMS propietary protocol.
- Maintain a QT/C++ component and improve performance. Fixed a core bug related with multithreading and move from database integration to a Oracle BUS JMS integration. Allow 150% improvement in performance.
- Migrate old legacy code in QT/C++ to java.
- Implement an XMPP connector for integrate XMPP channel. Integrate with Openfire and Oracle OCIM. Implement jgroups to allow clustering in a multisite deployment.
- Develop components to receive high volumen of data from security panels and cameras via UDP/TCP protocols and SQS queues.

### Full Stack Developer

Aviva Voice System and Services S.L., Madrid

- Developing and deployment components for SMS and EMAIL integration.
- Building application for provide value to SMS and Email allowing customers to send short links that redirect to a website portal.
- Implement component for generate different websites customized for customer.
- PDF generation and certification.
- Integration with multiple AWS services: SQS, S3, Data Sync, SES, Polly and SNS.
- High performance components for send SMS and email allowing routing traffic for multiple providers.

#### Full Stack Developer

Telefónica, Madrid

- Mantain and evolve a webapp for Marketing SMS communications. Built in Java, Resin and Oracle.
- Building and deploying an SMPP connector that loads SMS from Oracle Database and send to Telefónica SMS platform.
- Implement APIs for B2B integration.
- Support and maintain the application and the servers running Linux.



Web-PKI (https://github.com/obiw/web-pki.git) - As BSc final project I built a software that allows you to deploy your own PKI service. Offers a web interface for enroll, renew, download and revoke certificates for personal use or for TLS

SKILLS & PROFICIENCY

Java

2012 - Present

2012 - 2016

HTML5 & CSS Ruby Spring boot **Microservices** Database Design CI/CD Team lead Scrum Git/SVN Linux PKIs and digital signature Network protocols and tools

**AWS Integration**