



# STEPHANYA CASANOVA MARROQUIN

## SOFTWARE ENGINEER

### CONTACT INFORMATION

07 69 22 69 77

[stephanya.casanova@gmail.com](mailto:stephanya.casanova@gmail.com)

[savacano28.github.io](https://github.com/savacano28)

Work permit in France until 03/2024

### TECH STACK

#### Backend:

Java (Spring), Python, Camunda, Jhipster

#### Frontend:

Angularjs, Angular, Html, CSS, Bootstrap

#### Data Bases:

SQL, Postgres, Oracle, ES, Influxdb,

Grafana, MongoDB, Cassandra

#### CI/CD :

Jira, Git, Maven, Docker, Selenium,

Ansible, Vagrant, Jenkins, Bamboo

#### BigDATA :

Spark, Kafka, Hadoop, Hive, Flume, Pig,

Zeppelin, Talend, HortonWorks/Cloudera,

Tableau, PowerBI, R, Python

#### Methodology :

SAFE, SCRUM, Cycle V, ITILv4

### LANGUAGES

**Spanish** : Native

**French** : Full Professional

**English** : Professional Working

### INTERESTS AND HOBBIES

- Biking, running, swimming, hiking
- International Cuisine

## WORK EXPERIENCE

### SOFTWARE ENGINEER

KLANIK SA

09/2021 - ONGOING Valbonne, FR

Projects:

1. ORCA : Orquestation Tool for EEB/ESB Components
2. Middleware Toolbox: Framework to generate custom adapters (html-kafka, mq-kafka, others)

**Customer: AIRFRANCE. Tools : Spring, Camunda, Postgres, Oracle, Angular, Kafka, SAFE. Dates : 09/2021 - ONGOING. Team of 5 people.**

### SOFTWARE ENGINEER

TECH'advantage SA

10/2018 - 09/2021

Lyon, FR

Projects :

1. Participating in improvement activities in an information system for libraries in France, ex: developing of new features (data indexation in ES, training management, information retrieval with OAI-PMH), solving bugs, code documentation, testing, refactoring. **Tools : Spring, Hibernate, AngularJS, SQL: postgres, NoSQL: ES, JUnit, Git, SCRUM. Dates : 05/2019 - ongoing. Team of 8 people.**
2. Construction of an energy optimizer system for buildings which integrate different energy sources like: batteries, solar panels, local grid. **Tools : Spring, Hibernate, AngularJS, SQL: postgres, NoSQL: ES, JUnit, Git, JHipster, SCRUM. Dates : 11/2018 - 05/2019. Team of 5 people.**
3. Feed up a serial database influxDB with data from a battery cell. **Tools : InfluxDB, Java, HtmlUnit. Dates : 10/2018 - 11/2018. Autonomous work**

### ML RESEARCH INTERN

TECH'advantage SA

03/2018 - 10/2018

Lyon, FR

Creation of a semantic search engine using ontologies-matching and clustering in order to give a better search experience for users from libraries. **Tools: Neo4j, RDF, Knime, Spring, ES, Angularjs, Git**

### SOFTWARE DEVELOPER INTERN

GE POWER SA

09/2016 - 01/2017

Belfort, FR

Migration and integration project of the new purchasing software in the Quality Department. **Tools: Talend, js, PowerBI**

## PERSONAL PROJECTS

### FIRY - 05/2021 - 09/2021

Tools : Spring, Spark, Kafka, Angular, Cassandra, Postgres, JHipster  
**[savacano28.github.io/awesome-plugin-analyse-historique-firefox/](https://github.com/savacano28/awesome-plugin-analyse-historique-firefox/)**

### DATALAKE FOR JOB MARKET ANALYSIS - 02/2021

Tools : Python (libs : BeatifulSoap, PsyCop2, TextBlob, Counter), PostgreSQL, Power BI  
**[savacano28.github.io/awesome-jobs-datalake/](https://github.com/savacano28/awesome-jobs-datalake/)**

### SEMANTIC SEARCH ENGINE - 03/2018 - 10/2018

Tools : Neo4j, RDF, OWL, Knime, Spring, ES, Angularjs  
**[savacano28.github.io/pragma/](https://github.com/savacano28/pragma/)**

### DESIGN AND CONSTRUCTION OF A VISUAL STIMULATION KEYPAD FOR BRAIN-COMPUTER INTERFACES - 01/2014 - 04/2016

Tools : Java, C

**[savacano28.github.io/qfocus/](https://github.com/savacano28/qfocus/)**

## EDUCATION

### PROFESSIONAL MASTER IN BIG DATA & BI (FC)

Université Lumière II

2021

Lyon, FR

### MASTER IN INFORMATION TECHNOLOGY & WEB (FI)

Université Claude Bernard Lyon I

2018

Lyon, FR

### ELECTRONIC ENGINEERING

Universidad del Valle

2016

Cali, COL