



# STEPHANYA CASANOVA MARROQUIN

## SOFTWARE ENGINEER

### CONTACT INFORMATION

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

Work permit in France until 03/2024

### TECH STACK

#### Backend:

Java (Spring), Python, Camunda

#### 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, ELK, ArgoCD, Sentry

#### 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

IPPON TECHNOLOGIES SA 02/2023 - ONGOING Lyon, FR

Projects:

1. Digital Factory (Feature Identity) for **BPI**

2. French Visa Application Platform for **TLSContact**

**Tools** : Java, Spring (TDD, DDD, BDD, Hexagonal architecture), Postgres, Redis, vue3 (TDD: vitest, jest), Kafka, SCRUM, Elk, Sentry, ArgoCD.

### SOFTWARE ENGINEER

KLANIK SA 09/2021 - 01/2023 Valbonne, FR

Projects:

1. ORCA : Orquestation Tool for EEB/ESB Components

2. Middleware Toolbox: Framework to generate custom adapters (html-kafka, mq-kafka, others)

**Client**: 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

## PERSONAL PROJECTS

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

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

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

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

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

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