



# Mohamed Said Benmousa

## Software Engineer

### Education

2012 - 2016 Bachelor's Degree in Computer Science Barcelona School of Informatics - UPC  
Specialized at Software Engineering

### Address

Premià de Mar, 08330  
Barcelona, Spain

### Phone number

+34 631 229 886

### Email

mohamedbenmousa@  
gmail.com

### Web & Git

mohasaid.github.io  
github.com/mohasaid

### Languages

Spanish ★★★★★

Catalan ★★★★★

Arabic ★★★★★

English ★★★★★

### Experience

- 01/19 - Now **Software Engineer** 21 Buttons  
- Responsible for design, develop, implement and test new microservice to improve app notifications system. Also an admin to create marketing push notifications.  
- Process and migrate the information generated by the data science team into a repository and expose different RESTful endpoints/publish to topics so the data can be consumed by other microservices in the system.  
- Maintain and improve the feed of the application being the personalization and recommendation one of the most important objectives in the team.  
**Stack:** Java, Spring, AWS (SNS, SQS, ECS, S3, Lambda, DynamoDB), Terraform, Archaius, ElasticSearch, ElasticCache, Redis, Github, Jenkins, CircleCI, JUnit, Mockito, Maven, Gradle, Docker, Thymeleaf, Datadog, Sentry, Logstash, Kibana, Weld, Hibernate, PostgreSQL, MySQL
- 12/16 - 01/19 **Software Engineer** Spaceboost  
- Responsible for design, develop, implement and test the entire ORM of the company.  
- Responsible for redesign, develop, implement and test the optimization tasks using Java and Spring, reducing the execution time by 20%. And also general production tasks by 85%.  
- Participated in the development of new APIs for every ads channel (Facebook, Amazon, Bing, and Adwords).  
- Participated in the development of the processing and cleaning the data downloaded from every ads channel (Facebook, Amazon, Bing, and Adwords) using Spark.  
**Stack:** Java, Spring, Git, Jira, Jenkins, JUnit, Maven, Gradle, Docker, SQL, Apache Kudu, Apache Spark, AWS, RabbitMQ, SonarQube, Hazelcast, Hue, GitKraken, Postman
- 02/16 - 12/16 **Software Engineer** CSB - Computer Sciences Brand S.L.  
- **Bachelor's thesis:** Responsible of design, develop, implement and test a prototype of software system that receives notifications about purchases from bank users in real time and sends discount vouchers depending on the expenditure generated in the purchase. Also, that system extracts all data stored in databases and provides dashboards of users. **Stack:** Java, JavaMail API, Apache Spark (Spark streaming), Apache Kafka, Apache Cassandra, Git, Maven, Jira, MicroStrategy.  
- Responsible for design, develop, implement and test a software system that simplifies to the universities the process of managing their own content with an user management system. Integrated with a publisher tool to export the content generated. **Stack:** Java, Oracle, Tomcat, Git, Jira, Java Liferay, Oracle BI publisher.
- 05/15 - 02/16 **Business Intelligence Analyst Intern** inLab FIB  
An internship at innovation and research laboratory of Barcelona School of Informatics.