Mohamed Said**Benmousa**

Software Engineer

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 ★★★★☆

Education

2012 - 2016	**Bachelor's Degree in Computer Science**		Barcelona School of Informatics - UPC

Specialized at Software Engineering

2019 - 2019	**Administration and business management**	ThePowerMBA

Experience

11/19 - Now **Software Engineer** — Adevinta
- As a software engineer in the Milanuncios team I'm working on the team that is responsible of the insertion and moderation of new ads. We are extracting some core features from a monolith into kotlin micro-services environment with event driven approach using Kafka (mainly with spring cloud stream) and deploying them in kubernetes. We deal with distributed systems, doing client side load balancing with Feign/Ribbon because we use eureka as service discovery. We also use hystrix as circuit breaker. **Stack**: Kotlin, PHP, Java, Spring, Spring Cloud, Ribbon/Feign, Eureka, Zuul, AWS, Kafka, Cloudformation, Kubernetes, Spinnaker, Archaius, Avro, ElasticSearch, Redis, Github, Jenkins, TravisCI, JUnit, Mockito, Gradle, Docker, Datadog, ELK, PostgreSQL, MariaDB.

01/19 - 11/19 **Software Engineer** — 21 Buttons
- Responsible for design, develop, implement and test new microservice to improve app notifications system. I also created an admin to create marketing push notifications. I created some processes to migrate the information generated by data science team into different repositories and expose different RESTful endpoints/publish to topics so the data can be consumed by other microservices in the system. Once the notifications system was finished, I was moved to another team which was responsible of 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, ELK, Weld, Hibernate, PostgreSQL, MySQL

12/16 - 01/19 **Software Engineer** — Spaceboost
-Responsible for design, develop, implement and test the entire ORM of the company. I was also responsible in the development of new APIs for every ads channel (Facebool, Amazon, Bing and Adwords). I also optimized a lot the current code that they had by reducing execution time of some processes by 50%. **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.