

# Roberto Battaglia

Backend Developer

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## WORK EXPERIENCE

### Backend Developer Playtika

10/2021 - Present

London, UK

#### Achievements/Tasks

- Designed and developed microservices for a casual mobile game (*Java 11, Spring Cloud, Aerospike, Redis, Kafka, Docker*)
- Created metrics and alerts to monitor incidents in production (*Grafana, Prometheus*)
- Developed the UI and the backend of internal tools for assets delivery and to change the configuration of the game (*React, Typescript, Redux*)
- Following TDD, I implemented *Unit, Integration, Contract and E2E Tests*

### Backend Developer Cogitare

11/2019 - 10/2021

London, UK

#### Achievements/Tasks

- Designed and maintained RESTful APIs for a software which provides graphs and reports for railway companies (*Java 8, Spring Boot, MongoDB, Kafka*)
- Developed services which process data such as GPS, signalling and train black boxes
- Set up a CI/CD environment and pipelines to automate builds and deployments (*Jenkins, AWS*)
- Wrote Unit and Integration tests

### Junior Backend Developer GFT Technologies

10/2018 - 10/2019

Milan, Italy

#### Achievements/Tasks

- Implemented web services with MVC approach for the CRM of an insurance company (*Java 7, Spring Boot, DB2 SQL*)
- Worked on a real-time data updating system that fulfills ACID properties (*Java Message Service, IBM MQ*)
- Fixed bugs on frontend components (*Angular*)

## EDUCATION

### Physics, Bachelor's Degree Università degli Studi di Palermo

10/2014 - 07/2018

Palermo, Italy

Grade: 102/110

- Thesis: Information Theory and Markov Chains

## SKILLS

Java

Spring

Microservices

MongoDB

SQL

Redis

Kafka

Docker

Jenkins

React

TypeScript

Redux

AWS

TDD

## PERSONAL PROJECTS

### flatten-maven-plugin [↗](#)

- I contributed to this open source repository, helping to fix a bug which impacted the flattening of pom.xml in multimodule Maven projects

### ker-e-bians [↗](#)

- Using an API provided by Ford Mobility Hackathon which retrieves the GPS coordinates of parking spots in London, we developed a webapp to find the optimal path to arrive to a destination and find a free parking spot [↗](#)

## ARTICLES

[Article on dev.to](#)

### CI/CD Building a pipeline used by multiple repositories with Jenkins and Artifactory [↗](#)

12/2019