



Ricardo Jorge de Araújo Ferreira

Electrical and Computer Science Engineer (M.Sc.)

Student of Master in Informatics and Computing Engineering

CONTACT

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PROGRAMMING LANGUAGES

JAVA ★★★★★

Scala ★★★★★

JavaScript ★★★★★

C\C++ ★★★★★

Python ★★★★★

PHP ★★★★★

TECHNOLOGIES

Spring ● Akka ● Apache Storm ●
Apache Cassandra ● Apache ● Nginx ●
Git ● MySql / MariaDB ● PostgreSQL
● MongoDB ● Docker ● Kafka ●
Couchbase ● RabbitMQ ● Hazelcast ●
Jenkins ● Cucumber

LANGUAGES

Portuguese ★★★★★

Italian ★★★★★

English ★★★★★

OPERATING SYSTEMS



ACTIVITIES



See the extended version at
<https://git.io/fh5zG>.

SUMMARY

I am currently working as a Backend Engineer in an Agile (scrum) environment with modern technologies, privileging good quality code and architectures. To learn more about software development I have started the Master Degree in Informatics and Computing Engineering at Faculdade de Engenharia, I am currently at finishing my master thesis about evolutionary architectures.

EXPERIENCE

- Backend Engineer** 2019/12 - now
Paddy Power Betfair & FanDuel - Flutter Entertainment Plc
Porto, Portugal
 - Execute full software development life cycle in a microservices architecture that processes 135M transactions every 24h;
 - Deploy and maintain applications in continuous integration platform.
- Web Engineer - Fullstack Developer** 2018/02 - 2019/12
Jumia - Porto Tech Center
Porto, Portugal
 - Development of web applications using JAVA frameworks, like Spring boot and Play;
 - Working in a team with the DevOps culture and interest in state of the art technology.
- Software Engineer - Fullstack Developer** 2014/05 - 2018/02
GravityDemand, Lda - E-Commerce
Penafiel, Portugal
 - Development of software for ecommerce and marketing solutions;
 - Development and integration with external services (REST and other API's).
- R&D - Engineer** 2012/01 - 2014/05
INESC - Institute for System and Computer Engineering
Porto, Portugal
 - Research and testing in the power energy field (software and hardware);
 - Validate emerging concepts in Smart-Grids with prototypes and models.

EDUCATION

- M.Sc. in Informatics and Computation Engineering** Present
Faculdade de Eng. da Universidade do Porto
Porto, Portugal
 - Principal topics: Software Architectures, Computation Theory, Algorithms, Discrete Mathematics, Formal Tests in Software, Operating Systems;
 - Thesis: A framework for driving evolutionary architectures.
- M.Sc. in Electrical and Computers Engineering** Present
Faculdade de Eng. da Universidade do Porto
Porto, Portugal
 - Specialization: Automation and Control Systems
 - Thesis: Solar Car - Control and development. (17 out of 20)