





João Cardoso


Software Engineer


 Lisbon, Portugal

 +351 968356501

 jflc@outlook.pt

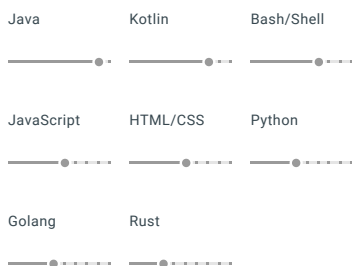
 jflc.github.io/my-portfolio

 joaoflc

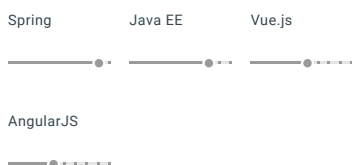
 jflc

Tech Skills

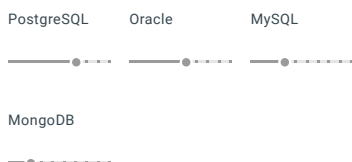
Languages



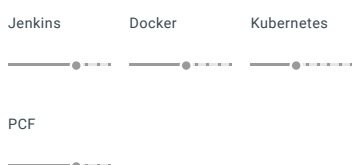
Frameworks



Databases



DevOps



Work Experience

Software Engineer

Mercedes-Benz.io

Design, develop, test and deploy Mercedes-Benz cloud applications using microservices architecture.

Main projects:

- Notification Center: Several microservices that work together in order to provide a seamless user experience in all platforms (e.g. Web, Mobile, Car, etc). These services are responsible to validate, control, render and delivery all user notifications, requested by other applications;
- Search Engine: Microservice that provides an REST API, used by other systems, to store search queries and notify the end users every time that new entries become available;

Java Kotlin Spring PostgreSQL Docker Kubernetes PCF Jenkins Git REST gRPC
Maven Gradle

Jan 2018

Java Developer

[Siemens S.A](https://Siemens.S.A)

Design, develop, test and deploy internal web applications used by Siemens employees all over the world.

Main projects:

- Delegation Management: System responsible for manage all delegations inside the company on all stages like order approval, income calculation, visa process, repatriation, etc;
- Template Management: SaaS application responsible for manage email and document templates, proving dynamic document/email generation to all Siemens application through REST API;
- Basic Components: Set of common back-end components used in all internal applications;
- Web Components: Collaborative project between internal and external services, providing a framework used to build modern UI for web/mobile applications.

Java Java EE JSF AngularJS JBoss Oracle DB BPMN Jenkins SVN REST SOAP
Maven

Jul 2014

Researcher

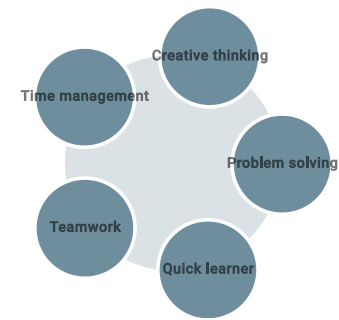
[IT - Institute of Telecommunications \(University of Aveiro\)](https://IT-Institute-of-Telecommunications)

Designing and developing a ANDSF component belonging to the Evolved Packet Core (EPC) framework from 3GPP, deploy and integration of Hotspot 2.0, and making a seamless handover between 3G and WiFi technologies.

Java C/C++ Play Maven

Jul 2013

Soft Skills



Education

Jun 2013

Master's Degree in Computer Engineering and Telematics
[University Of Aveiro](#)

Master's Thesis:

- Title: DETIboot;
- Supervisors: Dr. José Manuel Neto Vieira, Dr. André Ventura da Cruz Marmôto Zúquete;
- Description: Fast, wireless installation of pre-configured operating systems, with broadcast transmission and network coding (fountain codes), making it scalable for an unlimited number of consumer systems;
- URL: <http://hdl.handle.net/10773/11675>

Sep 2007

Certifications

Oracle Certified Associate (OCA), Java SE 8 Programmer I
[Oracle](#)

An Oracle Certified Associate, Java SE 8 Programmer has demonstrated knowledge of object-oriented concepts, the Java programming language and general knowledge of Java platforms and technologies.

Oracle Certified Professional (OCP), Java SE 8 Programmer II
[Oracle](#)

An Oracle Certified Professional, Java SE 8 Programmer has validated their Java development skills by answering challenging, real-world, scenario-based questions that measure problem solving skills using Java code.

IELTS, General Training
[British Council](#)

The International English Language Testing System (IELTS) measures the language proficiency of people who want to study or work where English is used as a language of communication. It uses a nine-band scale to clearly identify levels of proficiency, from non-user (band score 1) through to expert (band score 9).

Overall band score: 7

Personal Projects

Desenrasca

Mobile application for Android devices, that gives to the users a more automatic and easy way of consume USSD codes services from their own mobile operators.

Android Java SQLite Gradle

Pricematch

Responsive web application, developed according to service oriented architecture (SOA), that gives to the users the possibility of monitoring almost all the prices present in the internet web pages.

Node.js AngularJS MongoDB REST

Academic Projects

Spots4Surf

Mobile application, that gives to the users the opportunity to share and classify the current state of the waves, in some place, with all application users and with Facebook users.

Android Java SQLite Gradle

UAllet

Payment system services that gives to the users more detail information about the items of their buys and provides store prices, based on users purchases.

Java Python REST Google App Engine

VitalResponder

Coordination and monitoring system of the fireman's on risk interventions, using Vital Jacket and mobile devices.

Java Android GWT Maven

UAccess Control

Web application to control and monitor the building users access using citizen cards.

C Python Google App Engine