João Cardoso

Software Engineer

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jflc.github.io/my-portfolio

joaoflc

jflc

Tech Skills

Languages

Java
Kotlin
Bash/Shell
JavaScript
HTML/CSS
Python
Scala
Ruby
Rust
Golang

Frameworks

Apollo
Spring Boot
Ruby on Rails
Finagle
Vue.js
AngularJS

Databases

PostgreSQL
Bigtable
BigQuery
MongoDB
Cassandra

DevOps

Docker
Kubernetes
Google Cloud
Jenkins
PCF

Work Experience

Senior Software Engineer
Spotify

Design, develop, test, deploy and maintain Spotify systems for ubiquity devices.

Main projects:

- Mobile Ubiquity: Implement a view service to provide recommendations to Mobile Ubiquity integrations;
- Client Token: Design a solution and help multiple teams across the org to integrate it into their systems to enable Spotify to obtain more information about the characteristics of users' devices;
- Artist Wrapped: Implement the backend system to support the Spotify Wrapped campaign for artists;

Java · Scala · Python · TypeScript · Bigtable · Bigquery · Google Cloud · Docker · Kubernetes · Maven · sbt · Git · REST · gRPC · Hermes · Tableau · Apollo

Sep 2021

Aug 2021

Software Engineer
SoundCloud

Design, develop, test, deploy and maintain SoundCloud payments systems, including managing user subscriptions and entitlements.

Main projects:

- Ruby on Rails migration: Migrate Ruby on Rails systems from version 4 to version 6;
- Google Play Subscriptions: Integrate Google Play Subscription on SoundCloud payments systems;
- Recurly: Integrate external payments provider Recurly on existing SoundCloud payments systems;

Ruby on Rails · Scala · Finagle · PostgreSQL · Docker · Kubernetes · Git · REST · gRPC · Maven · sbt · Bigquery · Cassandra

Dec 2019

Nov 2019

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 Boot · PostgreSQL · Docker · Kubernetes · PCF · Jenkins · Git · REST · gRPC · Maven · Gradle

Jan 2018

Dec 2017

Java Developer
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.

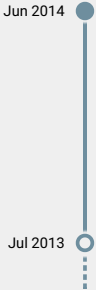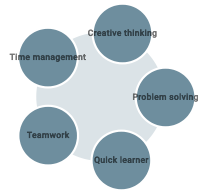Java · Java EE · JSF · AngularJS · JBoss · Oracle DB · BPMN · Jenkins · SVN · REST · SOAP · Maven
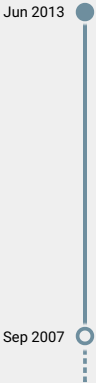
Jul 2014

Soft Skills

Jun 2014

Researcher
[IT - Institute of Telecommunications (University of Aveiro)](#)

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

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