

# Filipe Regadas

SOFTWARE ENGINEER

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## Education

### UM(University of Minho)

B.S. IN COMPUTER SCIENCE AND ENGINEERING

*Braga, Portugal*

*Sep. 2003 - Aug. 2008*

- Functional Programing
- Distributed & Reactive Systems

## Skills

**Programming Paradigms** Functional Programming

**Systems** Distributed & Reative systems

**Programming Languages** Scala, Haskell, Java, Python, Go, C/C++

**Soft Skills** Adaptable, Good communication, Excellent learner, Responsible, Always targeting the solution, Creative, Funny.

**Languages** Portuguese, English

## Experience

### Spotify, AB

SOFTWARE ENGINEER

*Stockholm, Sweden*

*Sep. 2015 - PRESENT*

- Implemented and maintained backend services, data and recommendation pipelines for the running & party features.
- Reimplemented the main internal search API backend services.
- Optimized and Tunned the Elasticsearch clusters.
- Implemented a realtime content indexing pipeline.
- Technology stack: GCP (BigQuery, BigTable, PubSub, Dataflow, Dataproc), Scio, Apache Crunch, Scala, Java, C\* , Elasticsearch, Python.

### Outplay Entertainment

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*Dundee, Scotland*

*Mar. 2015 - Jul. 2015*

- Lead backend engineer.
- Developed highly available, scalable backends services like Leaderboard, Matchmaking, Notifications.
- Responsible for designing, planing and manage the entire infrastructure.
- Defined working processes in the team in order to achieve better collaboration.
- Implemented Continuous Integration environment.
- Technology stack: AWS (SNS, DynamoDB, EBS, ELB, EC2), Scala, Nginx, Go, Node.js, MongoDB

### doubleTwist

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*San Francisco, U.S.A*

*Sep. 2012 - Jan. 2015*

- Lead backend engineer.
- Implemented all the backend infrastructure to support most of the client features. Account management, Payments, Podcasts and Radio streaming.
- Added a monitoring & logging infrastructure.
- Implemented continuous integration environment.
- Technology stack: AWS(ELB , EBS, RDS, DynamoDB, SNS, EC2), Nginx, Scala, Python, Go

### BetaBranch

CO-FOUNDER & SOFTWARE ENGINEER

*Braga, Portugal*

*Jan. 2013 - Aug. 2015*

- Consulting company, where we developed scalable and fault tolerant services for several companies.
- Developed a service for house tax evaluation. <http://imisimples.com>
- Technology stack: Scala, Haskell, Python, Django, Ruby on Rails, PostgreSQL, JavaScript

### Multicert, S.A

SOFTWARE ENGINEER

*Porto, Portugal*

*Sep. 2010 - Sep. 2012*

- Developement of a Trust-service Status List management and issuing tool.
- Committer at CESeCore (<http://cesecore.eu>) a common security function Java library, provides a reusable base for implementing third-party trustworthy systems.
- Technology stack: Scala, Java, EJB, Glassfish, JBoss

## ALERT, Life Sciences Computing

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Porto, Portugal

Jan. 2008 - Spe. 2010

- Development of disaster recovery systems.
- Developed tools to improve deployment, decrease time and update risk.
- Developed tools to monitor and eval data quality in decision support systems.
- Evaluation of scalability and fault tolerant patterns.
- Technology stack: Java, Python, Oracle ODI, MicroStrategy, ORACLE DB, Tomcat

## Extracurricular Activity

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### Students Association

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Braga, Portugal

Sep. 2004 - Jan. 2008

- Setup and administration of an open-source mirror for Linux distros.
- Provided several hosted services (i.e VCS) for students.
- Development of internal management tools.
- Technology stack: Perl, Python, PostgreSQL, Apache httpd, NGINX

## Honors & Awards

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### DOMESTIC

#### Sapo Codebits - Programming Competition

5TH PLACE

Lisbon, Portugal

2012

- Codename: Arena, multiplayer game with fluid mechanics. (project)

## Program Committees

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2013/15 **Organizer**, SuitOff - social event for local startups

Braga, Portugal

2014 **Staff (Volunteer)**, EuroPython, Python conference in Europe

Berlin, Germany