

# Filipe Silva

Senior Software Developer + Leadership Student + Maker

Gaia, Portugal  
(+351) 912 198 445  
[filipe.andradesilva@gmail.com](mailto:filipe.andradesilva@gmail.com)  
[filipesilva.me](http://filipesilva.me)

## RELEVANT EXPERIENCE

### Robert Bosch GmbH - *Senior Software Developer*

JANUARY 2015 - PRESENT | Aveiro, Portugal

- Implemented a RESTful API, on top of a Java+Vert.x stack, providing a group of services responsible for interacting with HVAC appliances.
- Designed RESTful API contracts and documented them with Swagger.
- Collaborated on the migration from a monolith based architecture to a microservices approach.
- Introduced unit, component and integration tests using JUnit.
- Conducted code reviews and pair programming sessions on a daily basis.
- Leveraged SonarQube static analysis to improve code quality in parallel with feature development.
- Negotiated, on behalf of the team, development issues with different Product Owners, external API providers, and other stakeholders, to guarantee alignment of expectations and needed information sharing.
- Built and launched the first version of the team's Knowledge Base.

### Maisis - *Backend Software Developer*

MARCH 2010 - DECEMBER 2014 | Aveiro, Portugal

- Implemented JEE solution which handled critical, telecom, services of registering, mapping and search of the entire country fiber optics network.
- Analyzed customer requirements, while providing estimations of effort, time, and software architecture approaches.
- Created migration scripts and auxiliary PL/SQL procedures to deal with solution corner cases.
- Employed Java profiler analysis to track and refactor the most expensive methods in the current solution.

### Microfil - *Junior Software Developer*

SEPTEMBER 2009 - MARCH 2010 | Ovar, Portugal

- Designed and implemented Sharepoint workflows for invoice management solution.

## EDUCATION

### Faculty of Engineering of University of Porto, *MSc in Informatics and Computing Engineering*

SEPTEMBER 2004 - JULY 2009 | Porto, Portugal

Thesis title: "Trust Measuring System for Selection of Businesses in B2B Systems".

## SKILLS

### Programming Languages

Java, Python, SQL, PL/SQL, JavaScript, HTML, CSS

### Frameworks & Libraries

Vert.x, RxJava, Flask, jQuery, Hibernate, Bulma

### Tools & Platforms & DBs

Maven, Jenkins, Git, Docker, Azure, GCP, Oracle, MongoDB

### Paradigms & Methodologies

Agile (Scrum, LeSS), Clean Architecture, REST

## PERSONAL PROJECTS

### Win-Win

[itswinwinboardgames.com](http://itswinwinboardgames.com)

A Web App that takes a user's wishlist of board games and analyses the current market looking for the best prices.

## INTERESTS

I love coaching football, reading about military history, cooking Italian food, studying leadership, playing strategy board games and creating products that improve people's lives.

## LANGUAGES

Portuguese (native), English (fluent), Spanish (familiar)