

# João Fernandes

## Work experience

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June 2017 – Present

Software Engineer

### *Novicap*

Novicap is an invoice selling platform based in Barcelona. I work with Ruby on Rails, and have implemented a double entry accounting system for the company. I also improved the team's practices in git, testing, and code reviewing.

August 2014 - December 2016

Software Engineer

### *Seedrs*

Seedrs is an equity crowdfunding platform, which was based in Lisbon and London when I joined. At Seedrs, I:

- Was introduced to testing with RSpec and Cucumber;
- Worked on a site-wide responsive redesign;
- Worked with both MySQL and MongoDB;
- Worked with product owner analyzing user data to assess how to improve the platform;
- Worked on financial and legal requirements imposed by the UK's FCA;
- Developed a Salesforce integration;
- Tackled performance issues;
- Started working in Lisbon, and relocated to London in 2016 as the company wanted a product team co-located with the marketing and operational teams.

February 2014 - July 2014

Intern for Master Thesis

### *Glantt Healthcare Solutions*

At Glantt I worked on my master thesis, whose goal was the creation of a framework to use the Microsoft Kinect in web-pages. This required:

- Creating a native C# application, which communicated with the browser's Javascript via websockets;
- Performing usability research on the user interactions;
- Implementing video, PDF, and image manipulation using Javascript.

February 2013 - June 2013

Teaching Assistant

### *Faculty of Engineering, University of Porto*

I acted as teaching assistant for the Algorithm Design and Analysis course. I was responsible for helping students with their C++ projects, which revolved around graph and string manipulation algorithms.

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## Education

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2009-2014 **Informatics and Computer Engineering**  
Master Degree  
*Faculty of Engineering, University of Porto*

2013-2014 **Informatics**  
Erasmus student  
*Sapienza Università di Roma*

## Skills

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Extensive experience Ruby, Git, RSpec, Cucumber, CSS, SASS, Javascript, Mixpanel, UNIX, MySQL, PostgreSQL, Scrum, Kanban

Basic experience AWS, React.js, Ember.js, Node.js, GraphQL, MongoDB, Salesforce, Stripe, Intercom, Optimizely, TDD, Pair programming, New Relic

Used outside work Docker, Digital Ocean, Heroku, Scala, Python, Android, C#, Java, C++

## Other roles

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Feb. 2017 - Present **MovingWorlds**  
*Technology advisor - Helping with critical issues, recruitment of a lead developer, did development in Node.js for the platform*

2012 - 2013 **ENEI - National Meeting of Informatics Students (Portugal)**  
*Event Organizer - Head of Programme*

## Spoken languages

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Portugese Native User  
English Advanced User  
Spanish Intermediate User  
Italian Basic User