João **da Silva Fernandes**

(+351) 917456174 | hi@joaofernandes.me | joaofernandes.me | JSFernandes | jsfernandes

Summary

Full stack web developer with 6 years of experience, most of it being with Ruby on Rails. Worked at startups, at a big company, and currently working as a freelance contractor.

Work Experience

Toptal contract with social network with 8 million members
Remote

SENIOR SOFTWARE ENGINEER
Jan. 2020 - Present

- Integrated the website's content and user reporting functionality with Help Scout.
- Expanding the functionality of a user blocking another one to be reflected in all areas of the website, including comments on content of users unrelated to the block, and mentions of the blocked user.
- Improving the integration between the repository containing the main application and another repository with the community guidelines defined in YAML to make user and content reporting more configurable by the moderation team.
- Implemented redesigned responsive versions of existing pages, including image and video upload pages.
- Technologies used: Ruby on Rails, Sidekiq, MySQL, Kubernetes, RSpec, Sentry, NewRelic, CircleCI, Vue.js, Typescript

Flowify Accounting
Remote

PART-TIME CONTRACTOR
Sep. 2019 - Feb. 2020

- Updated user onboarding experience and e-mails.
- Added user tracking with Segment.io
- Added functionality to automatically generate invoices and track inventory items in QuickBooks Online based on sales made on Shopify.
- Technologies used: Ruby on Rails, PostgreSQL, Heroku

Saint Friend
Remote

PART-TIME CONTRACTOR
Sep. 2019 - Oct. 2019

- Added a new page to the marketing website of one of the agency's clients.
- Technologies used: Jekyll, SCSS, Javascript, Youtube API, Aerobatic

Xing
Barcelona, Spain

SENIOR SOFTWARE ENGINEER
Nov. 2017 - Dec. 2019

- Implemented image and video updates for company profiles.
- Implemented GDPR compliance on B2B services.
- Migrated services from Ruby on Rails 4.2 to 5.2.
- Introduced error tracking with Sentry and a culture of using it to pro-actively reduce errors in the B2B services.
- Introduced a test driven culture in the React codebase.
- Mentored junior developers following their graduation from a coding bootcamp.
- Technologies used: Ruby on Rails, MySQL, RabbitMQ, Docker, Kubernetes, RSpec, Capybara, Cypress, Jenkins, Sentry, React, Styled Components, Jest, React Testing Library

Novicap
Barcelona, Spain

SENIOR SOFTWARE ENGINEER
Jun. 2017 - Oct. 2017

- Migrated an existing double entry accounting system to a more flexible one that solved existing un-resolvable loans. This system supported loans with multiple lenders and processed all the associated payouts depending on the payment date.
- Implemented accounting reports for the entire platform and for individual lenders.
- Technologies used: Ruby on Rails, RSpec, PostgreSQL, AWS

Moving Worlds
Medellin, Colombia & remote

PRO BONO CONSULTANT
Feb. 2017 - Dec. 2017

- Took over maintenance and development of the unmaintained website.
- Fixed critical issues in the admin workflow and in the integration with Mailchimp.
- Improved performance of listings by performing pagination in the server rather than the browser.
- Helped hire and onboard a Director of Engineering.
- Technologies used: Node.js, Express, Sequelize, PostgreSQL, Docker, AWS, Mailchimp

Seedrs   *Lisbon, Portugal & London, UK*

Software Engineer   *Aug. 2014 - Dec. 2016*

- Worked on a site-wide responsive redesign.
- Worked on financial and legal requirements imposed by the UK's FCA.
- Integrated the website with Salesforce for to improve the process of the marketing and operation teams.
- Worked on improving the performance of the investment process, so that more investments could be made per minute.
- Re-implemented the accounting process for delivering funds to entrepreneurs, so it could be done in batches with correct fee and profit calculations.
- Technologies used: Ruby on Rails, MySQL, RSpec, Capybara, SCSS, jQuery, Ember.js, MongoDB, Stripe, Intercom, Salesforce, Mixpanel, NewRelic

Education

Faculty of Engineering of the University of Porto   *Porto, Portugal*

M.Sc. in Computer Software Engineering   *Sep. 2009 - Jul. 2014*

- Created a Javascript library to interact with webpages using the Microsoft Kinect as part of the Master's Thesis, in collaboration with Glintt Healthcare Solutions.
- Studied in Sapienza Università di Roma during one semester under the Erasmus programme.
- Managed the programme for the 2013 edition of Portugal's national meeting of IT students, which was hosted in Porto.