

# Pedro Sousa Carmona

## PERSONAL DATA

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NATIONALITY: Portuguese

## PROGRAMMING SKILLS

Web: RUBY ON RAILS, SINATRA, JAVASCRIPT  
Platforms: OSX, LINUX, DOCKER, K8S  
Databases: POSTGRESQL, MYSQL, BIGQUERY  
Data: JUPYTER, AIRFLOW, PANDAS, DATAFLOW  
Cloud: HEROKU, GOOGLE CLOUD, DIGITAL OCEAN, AWS

## WORK EXPERIENCE

March 2024 - Today	<p>Software Engineer at <a href="#">IMPACTPOOL</a>, Home/Remote, Portugal</p> <p>Development and maintenance of Ruby On Rails and Roda applications. Impact job board and recruitment platform.</p> <p>Languages and Resources: Ruby, Rails, PostgreSQL, BigQuery</p>
Jan 2023 - Jan 2024	<p>Senior Software Engineer I at <a href="#">DATACAMP</a>, Home/Remote, Portugal</p> <p>Ruby On Rails, NextJS and Strapi applications of an eLearning Platform and CMS. Focus on Growth Engineering, A/B tests, User Registration and Subscription Campaigns.</p> <p>Languages and Resources: Ruby, Rails, PostgreSQL, Kong Gateway API, Terraform</p>
Feb 2020 - Nov 2022	<p>Senior Software Engineer at <a href="#">LAVANDA</a>, Home/Remote, Portugal</p> <p>Development of Ruby On Rails APIs for a Property Management System; JSONAPI spec and GraphQL; Integration with OTAs (Booking.com &amp; Airbnb) and Channel Managers; Guest Messaging Automated System; Dynamic Search System with Arel.</p> <p>Languages and Resources: Ruby, Rails, PostgreSQL</p>
Dec 2017 - Jun 2019	<p>FullStack Engineer at <a href="#">GOBOONY</a>, Utrecht, Netherlands</p> <p>Development of: a Ruby On Rails Web application that allows peer-to-peer motorhome sharing; Built a GraphQL API, and also few private gems for API clients; Build analytical reports with Python and SQL.</p> <p>Languages and Resources: Ruby, Rails, PostgreSQL, Python, Pandas, Airflow</p>
Oct 2015 - Nov 2017	<p>Software Engineer at <a href="#">BIDMATH</a>, Amsterdam, Netherlands</p> <p>Development of: web applications, in Sinatra and Rails; An internal Data Lake framework for data management; Data acquisition and analysis reports.</p> <p>Languages and Resources: Ruby, Sinatra, Rails, Google Cloud, MySQL Database, Google BigQuery, Google Datalab, PYTHON, PANDAS, Google Dataflow, TABLEAU.</p>
OCT 2014 - Sept 2015	<p>Programmer Analyst I at <a href="#">FIS Global</a>, Amsterdam, Netherlands</p> <p>Development of frontend and middleware applications for banking industry.</p> <p>Languages and Resources: Java, Spring, Oracle Database, FIS Profile banking system, Vaadin, Javascript, Websphere, Maven.</p>
2013	<p>Web Developer at <a href="#">Whitesmith</a>, Coimbra, Portugal</p> <p>Outsourcing - development of Ruby on Rails websites.</p> <p>Languages and Resources: Ruby on Rails, Devise, CanCan, Paperclip, Sidekiq, Cucumber, RSpec, Redis, Mongoddb, social media APIs, Bootstraap.</p>

EDUCATION

SEPT 2014	<p>Master of Science in COMPUTER ENGINEERING, <b>University of Coimbra</b></p> <p><i>EQF level 7</i></p> <p>Thesis: “HappyHour Emotion - Sistema de caracterização de pontos de interesse”</p> <p>Paper: “Happy Hour - Improving mood with an emotionally aware application”</p> <p>Development of a people centric-sensing application for Android smartphones, that tracks the user mood, in order to improve the user’s emotional state. The application also classifies POIs based on the affluence, agitation and emotional state, to help users pick a destination to visit.</p>
SEPT 2013	<p>Undergraduate Degree in COMPUTER ENGINEERING, <b>University of Coimbra</b></p> <p><i>EQF level 6</i></p> <p>Programming Languages: C, Java, Python, MATLAB</p> <p>Databases: Oracle, PLSQL</p>

PERSONAL PROJECTS

	<p>Robalos.rb</p> <p>In 2024, started organizing <a href="#">coding events in Figueira da Foz</a>. The goals are: Create a local programming community in the Ruby language (and other languages); Share knowledge and experience, through lectures, workshops and hackthons; Encourage and generate opportunities for companies and people interested in learning to code.</p> <p>Open Source</p> <p>In the past years, I had the oportunity to contribute to open source projects such as <a href="#">doorkeeper-grants_assertion</a> - adding the possibility to reuse the omniauth gems to perform oauth2 via external parties - and to <a href="#">blazer</a> - a data exploration tool). Published an activerecord <a href="#">adapter</a> for BigQuery. Created examples of <a href="#">data processing</a> in Python and Jupyter. And also published few <a href="#">Ansible Galaxy</a> packages.</p>
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LANGUAGES

PORTUGUESE:	Mothertongue
ENGLISH:	Fluent
DUTCH:	Beginner

INTERESTS AND ACTIVITIES

Open-Source
Networking (Ruby Meetups and Conferences)
Backpacking