

Ismael Gonçalves Abreu

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 ismaelga

</> Elixir, Ruby, React.js, Elm, TypeScript, Node.js

EXPERIENCE

Coinlever

Senior Software Engineer

(remote) Portugal

2021 - Jan 2023

- Worked on a platform that manages trading strategies in crypto trading. **Elixir, Phoenix, Elm, Postgres**
- Developed a very scalable order executor API to be used by an algorithmic rebalancer. **Python, SQS, Serverless framework, DynamoDB, Fireblocks**

Glazed Developers

Senior Software Developer

(remote) Porto, Portugal

2015-2021

WeChangers

Porto 2016-2017 and 2020-2021

- Built a platform for social changers to share their work and connections. **Ruby on Rails, Redis, React, Postgres, Azure**
- Mentored a Mid Software Developer. **Ruby on Rails, Redis, React, Postgres, Azure**
- Created tools for managing awards, challenges, contests, calls and grants. **TypeScript, React, Next.js**
- Participated in interviews to find candidates to work for Wechangers.

LVMH

London/Paris 2018-2020

- Built a chatbot framework to be used for multiple brands inside LVMH, mainly for costumer service use cases **Typescript, NLP, IBM Watson, Nodejs, SQS**
- Built an APP to allow managing the copy for the chatbots, including translations. **Phoenix, GraphQL**
- Built the front-end for a in-store customer care surveys, with offline capabilities. **React, Typescript**
- Worked with DevOps team to design and implement automation for CI/CD. **Kubernetes, GitOps, AWS, Jenkins**

Mercadão

Porto 2020

- Changed the checkout flow, including the payment processor. **AngularJS, IBM Loopback, MongoDB**

Fatfetch

Porto 2018

- Built a white label version of their main e-commerce site for big brands that want to sell on their own website. **Nodejs, React, RethinkDB, Express.js, Flux, Redux**
- Built a component blocks based custom page builder. **Nodejs, React, JSON schema**

QuickQuak Car wash

CA, USA 2015

- Started the development of the API for the new POS system. **Ruby on Rails, Postgres**

Nmusic - Software Developer

Backend Developer

Porto

2014-2015

- Worked on the backend and content ingestion system of a music streaming service. **Ruby on Rails, Sinatra, Postgresql, Redis, ElasticSearch**
- Built a "WAP" version of the service to allow 3G subscriptions and download of music, for usage on a few persian gulf countries. **Sinatra**
- Developed a proof of concept music recomender system based on ElasticSearch scoring. **ElasticSearch, Rust**

Waverise

Full-Stack Developer

Porto

2013

- Developed a system for Human Resources management for the health industry. **Ruby, JS,**
- Created a tweetwall with multiple channels of communication. **Ruby, JS**

Sinemys

Rails Developer

Porto

2012

- Developed a few websites. **Ruby, JS, jQuery**
- Automation of publishing course offerings in multiple sites. **Casper.js**

EDUCATION

Universidade do Minho

B.Sc in Technologies and Information Systems

Braga, Portugal

2012

CERTIFICATIONS

Online Courses

Software Engineering for SaaS, University of California, Berkeley/Coursera

Issued 2012

Functional Principles in Scala, École Polytechnique Fédérale de Lausanne/Coursera

Issued 2013

Software as a Service, BerkeleyX/EDX

Issued 2012

OTHER PROGRAMMING TOOLS

Javascript TypeScript, Node.js, React.js, Next.js, Gatsby

Ruby Rails, Hanami, Sinatra, Sidekiq

Elixir: Phoenix, Liveview, GenStage

Python: Django, Serverless framework

DBs: Postgres, Mysql, MongoDB, RethinkDB, Redis, ElasticSearch

Cloud services: AWS(Lambda, S3, SQS, DynamoDB, Lambda), Azure, Google Cloud(GKE)

Other tools: Nginx, Luadns, JWT, SOAP, NLP, GraphQL, TDD

Other languages: Elm, Crystal, Rust, ReasonML, Scala, C++, Java, Clojure, Go, Lua