

## EXPERIENCE

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### Coinlever

Senior Software Engineer

(remote) Portugal

2021 - 2023

- Small team working on a privately owned platform to manage Crypto portfolios, connected to multiple exchanges to facilitate running tailored trading strategies
- Worked on the platform, fixing bugs, developed new features including integration of new exchanges **Elixir, Phoenix, Elm, Postgres, Fireblocks, GCP**
- Designed and implemented the architecture for a new system that leveraged AI based algorithms to automate portfolio management **Python, serverless, Dynamodb, AWS**

### Glazed Developers

Senior Full-Stack Developer

(remote) Porto, Portugal

2015-2021

### LVMH

(remote) London/Paris 2018-2020

- Worked on the group's digital department developing new technology solutions for luxury brands like, Rimowa, Guerlain, Fendi and Celine.
- Designed and built a framework to reduce the time and effort implementing AI conversation assistants **Typescript, NLP, IBM Watson, Nodejs, SQS, AI**
- Built conversation assistants for multiple LVMH's brands, for customer services, recommendations, product discovery, ...
- Built an APP to manage copy for the chatbots, including translations. **Elixir, Phoenix, GraphQL**
- Built the Front-end for in-store customer care surveys, with offline capabilities. **React, Typescript**
- Worked with DevOps team to design and implement a new infra tailored for the needs including CI/CD. **Kubernetes, GitOps, AWS, Jenkins**

### Mercadão

Porto 2020

- Grocery delivery Start-up bought by one of the biggest chain in Portugal
- Maintenance work and fixed scaling issues. **AngularJS, IBM Loopback, MongoDB**

### WeChangers

Porto 2016-2017 and 2020-2021

- Start-up building an online network for Social Impact people, organizations and projects, for example non-profit Orgs trying to solve water supply issues
- Built the product and platform from scratch, including a lot of work on early on specification. **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.

### FARFETCH

Porto 2018

- Number 1 online marketplace for luxury fashion brands
- 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. Including maintainemce of the open-source library used for this, reaching 200 stars on github **Nodejs, React, JSON schema, react-json-editor**

## QuickQuak Car wash

(remote) USA 2015

- Large USA based car wash chain with 200+ locations
- Early development of the back-end API for their new POS system to be used on all their locations. **Ruby on Rails, Postgres, Digital Ocean**

## Nmusic - Software Developer

Porto

Backend Developer

2014-2015

- Music streaming service, providing Meo Music for one of the largest Portuguese telecom companies, Meo (Altice group)
- Worked on the back-end and content ingestion system. **Ruby on Rails, Postgresql, Redis, ElasticSearch, Solr, AWS**
- Built a "light" client version and allow 3G data subscriptions and download of music tracks. **Ruby, Sinatra**
- Developed a proof of concept music recommender system based on ElasticSearch scoring. **ElasticSearch, Rust**

## Waverise

Porto

Full-Stack Developer

2013

- Consultancy firm working mainly for London based clients.
- Developed a system for Human Resources management for the health industry. Shifts and off-time management for medical personnel **Ruby, JavaScript, JQuery, Postgres, Resque**
- Created a real-time interactions service, to be used in conferences, with multiple channels of communication, SMS, tweeter, Facebook, Email, HTTP API, ... **Ruby, JavaScript, Twillio**

## Sinemys

Porto

Full-Stack Developer

2012

- Start-up consultancy firm devoping parts of Bwizer's marketing tools to promote their courses.
- Developed some websites and built automation to post content in multiple online afvertising platforms. **Ruby, JavaScript, jQuery, Casper.js**

## EDUCATION

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### Universidade do Minho

Braga, Portugal

B.Sc in Technologies and Information Systems

2012

## CERTIFICATIONS

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### 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

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**Javascript** TypeScript, Nodejs, React, Redux, Next.js

**Ruby** Ruby on Rails, Sinatra, Sidekiq

**Elixir:** OTP, Phoenix, Phoenix Liveview, GenStage, Oban

**DBs:** Postgres, MongoDB, RethinkDB, Redis, ElasticSearch, Dynamodb

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

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

**Familiar Languages:** Elm, ReasonML, Go, Rust

**Tools:** Slack, Jira, Linux, MacOS, VS Code, Neovim, Git, Github, Asana