Ismael Haddad

Fullstack Developer

👤 PROFILE

Software developer with 5 years of professional experience, having delivered numerous projects and robust services with Elixir, Go, Microsoft .NET, Ruby, Typescript/Javascript, React Native and your frontend framework of choice.

✒ EDUCATION

Bachelor's Degree in Informatics Engineering (Software Engineering specialization)

Universitat Politècnica de Catalunya (UPC)

September 2015 – July 2019

Details

Barcelona, Spain

isma.7h@gmail.com

Date / Place of birth
1997-06-30
Barcelona, Spain

Nationality
Spanish

Languages

Spanish

English

Catalan

Arabic

🗄 EXPERIENCE

Software Developer at Prototyp

August 2019 – Present

PROTOTYP

Prototyp's Website

Description:

- I participated in the team developing the new prototyp.se website
- Built with Vue.js for the frontend and uses Contentful for the headless CMS

Stack

Vue.js

Contentful (CMS)

Qvalia Categorisation and Accounting Tool

Description:

- I participated in the team developing features for the Qvalia Categorisation and Accounting tool
- Built with Angular for frontend and Node.js for the backend. PostgreSQL for database. Knex.js for the ORM.

qvalia

Stack

Angular

Node.js

PostgreSQL

Knex.js (ORM)

Nola 3D Configuration Tool

Description:

- Created a 3D furniture configuration tool for Nola, enabling customers to interactively design custom furniture systems
- Built with Unity. Processed the models with Blender for render.

nola ®

Stack

C#

Unity

Blender

Xact.se

Description:

Xact offers transparent index funds and strategies that are easy to understand and track.

- I participated in the team developing the new xact.se website
- Built with Microsoft .NET & Razor and uses Contentful for the headless CMS.

Xact

Stack

Microsoft .NET

Razor

Contentful (CMS)

Gapminder Worldview Upgrader

Description:

Gapminder Worldview Upgrader is a fun educational tool created to help people rid themselves of common systematic misconceptions about global development.

- I participated in the team developing the application from the beginning
- Built with Elixir/Phoenix Framework, PostgreSQL, Vue & Contentful.

GAPMINDER

Stack

Elixir

Phoenix Framework

PostgreSQL

Vue.js

Contentful (CMS)

Recycla

Description:

Recycla's waste management services makes it easier for users to find and book recycling services.

- I participated in the team developing features for the recycla.se services
- Built with Elixir/Phoenix Framework/Liveview, PostgreSQL

Stack

Elixir

Phoenix Framework

Liveview

PostgreSQL

AWS

Svea Solar Mobile App

Description:

Svea Solar provides users with accessible solar energy solutions.

- I participated in the team developing features for the Svea Solar Mobile App
- Built with React Native

Stack

React Native

After Effects

Swedfund Website

Description:

Swedfund's mission is to promote sustainable investments in developing nations.

- I participated in the team developing features for the swedfund.se website
- Built with Next.js and Umbraco as CMS

Stack

Next.js

Umbraco (CMS)

Joyweek

Description:

Worked on the redesign of the Joyweek website, which provides a comprehensive office management solution.

- I participated in the team redesigning the joyweek.se website
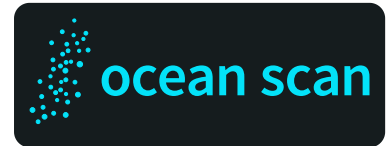- Built with Microsoft .NET

Stack

Microsoft .NET

Ocean Scan Mobile App

Description:

Ocean Scan is a global database offering access to a curated collection of in-situ observations and matching remote sensing images of marine litter and debri.

- I participated in the team redesigning the joyweek.se website
- Built with React Native & the Google Maps API. Use of Geojson./li>

Stack

React Native

Google Maps API

GeoJSON

Journey Planner Web Application

Description:

Developed and optimized a train journey planner connecting European rail routes, implementing algorithms for efficient route planning.

- Built in Ruby on Rails and Go
- State of the art algorithms & code performance optimizations

Stack

Go

Ruby on Rails

Wealth Office Management App

Stack

Microsoft .NET

Entity Framework

Identity Framework

Vue.js

React Native

Description:

Contributed to the development of an app for offices managing family wealth, focusing on multi-tenancy to support multiple clients efficiently.

- Built with Microsoft .NET, Entity Framework, Identity Framework, Vue, React Native
- I designed the application structure to support multi-tenancy, since it had to be distributed to each office that will use the service

Alloys and Metals Automation POC

Stack

Python

JavaScript

LLMs

Description:

Developed a proof of concept for automating alloy and metals certification validation using large language models.

- Used Python & Javascript. OCR tools like tesseract and Adobe PDF extractors. Chat GPT Vision.

Chat with Your Documents Tool

Stack

Svelte

Supabase

LLMs

Vector database

Description:

Built an internal tool to enable document-based chat capabilities using retrieval-augmented generation (RAG).

- Svelte for frontend & Supabase for the database, edge functions & auth
- PostgresSQL and extensions like pgvector & age

Safety App

Description:

Maintainence and upgrade of an app used for safety and automatic emergency calling to close contacts.

Stack

React Native

Eventblender

Description:

Contributed on developing features for an algorithmic seating and grouping tool for events, offering streamlined planning for diverse gatherings.

Stack

Remix

React

Prisma

PostgreSQL

Ethical AI Service for Organizations

Description:

Enhanced a service designed to help organizations comply with AI regulations, focusing on security and performance improvements.

- I participated in the team fixing critical security and making performance improvements
- Built with Microsoft .NET & SQL Server. Frontend with Angular.
- Worked with infrastructure in Azure. Infrastructure as Code with Bicep files.

Stack

Microsoft .NET

SQL Server

Angular

Azure

Bicep (IaC)