# Javier Casas

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## Overview

Tech Lead with a background on web development and embedded systems.
Looking for opportunities in **Finance** and/or **Fullstack Functional Programming**.

## Experience and Achievements

- More than 8 years of commercial experience in Web Development and Embedded Systems.
- Worked with a multitude of Frameworks and Programming Languages.
- Rearchitected and reimplemented the client-facing frontend at Addi, paving the path to a modern system inline with current expectations.
- Promoted from Tier 1 to Tier 3 Developer and VP of Engineering at Stack Builders, being one of the few three people with Tier 3 level.
- Wrote several technical articles that have been featured in online publications such as Haskell Weekly, Lobsters and Cardano News.

## Main themes and keywords

- Haskell, PureScript, React+Redux, JavaScript/TypeScript, Python+Django
- Tech lead, Fullstack, Functional Programming, TDD, Type-driven development
- Quantitative Finance, Cardano, Plutus, Blockchain
- DevOps, CI/CD, Docker, Ansible

## Main skills

### Finance

- Constructed a prototype that uses Haskell, the Cardano Blockchain and Plutus Smart Contracts to connect gig economy employers and workers.
- Lead a project based on Haskell that delivers portfolio performance optimization based on stock option allocation.

### Fullstack

- Worked for a startup that is based on Haskell + Purescript + React and uses microservices to deliver the best college admissions coaching available.
- Worked on a startup based on Haskell + React Native that constructs a native app to improve the behaviour of children.
- Reconstructed the main frontend of the application in React/Redux/NextJS for Addi.

### Functional programming

- Lead a weekly advanced readings group that made a group of strong Haskell developers into type-level developers.
- Written articles about pushing type-level knowledge to mainstream usage in Typescript.

# Work experience

### 2020 – CTO at stealth consultancy and incubator (Remote)

- Architect, lead teams, and execute the development of custom apps for clients.
- Architect and implement a framework for launching financial startups.

### 2019-2020 – Frontend Tech Lead at Addi (Remote)

- Architect and construct the new version of the App that represents the main point of contact of the business.

### 2019-2020 – Contractor at a custom garments manufacturer (Remote)

- Fix bugs and implement features in the new version of the main application.

### 2016-2019 - Software Developer at Stack Builders (Quito, Ecuador)

- Lead and worked on 6 projects for different clients in education, industry and finance.
- Worked remotely with clients from USA, Australia and Latin America.
- Developed training plans for junior associates.

### 2013-2015 - Product Developer at ApplianSys (Coventry, UK)

- Developed new features & bug fixes for the main products of the company.
- Translated the product and user manuals to Spanish.
- Implemented HTTPS caching, supporting GBP250K sales in 2015.

### 2012-2012 - Programming Internship at Proxima Systems (Valladolid, Spain)

- Developed embedded applications for industrial ARM controllers

## Languages

- Spanish (Native)
- English (High technical level, slightly British accent)

# Education

### 2001-2011 - Ingeniero Técnico en Informática de Sistemas

University of Valladolid, Spain