

# Iain Maitland

Fullstack Developer



## About

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imaitland

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## Web Development

### Professional

React Rust Typescript  
Javascript NodeJS/Deno  
GraphQL  
MySQL/NoSql/Postgres

## DevOps

### Professional

AWS Docker Git

## Languages

English (*Native speaker*)

## Interests

### Art

Photography  
Poetry  
Writing

## Summary

Iain hails from Manchester, England. He has a degree from the University of Cambridge, in Law and History of Art, and 5 years experience as a frontend and fullstack web developer. Before going freelance as a full stack developer he worked as an early employee for Steem, building user-facing apps and backend micro-services, with React, Typescript and NodeJS on their blockchain / social media platform as it scaled to 1M+ users. More recently using Rust, he has made a static site generator, while also working on an image hoster service and a networked key-value store (<https://github.com/pingcap/talent-plan/tree/master/courses/rust>). He is excited by any opportunity to use Rust's powerful features in production, particularly when it can complement his experience with Typescript, Javascript and React.

## Experience

### Freelance

05/2020 - Present

Develop useful software for a variety of clients  
Fullstack developer

Worked as a lead developer with a local and remote team of graphic and product designers to implement solutions for creative and b2b software briefs for a range of clients including General Motors, Amazon, Google and Ford.

- <https://hobbes.work> - a portfolio site for an UI/UX studio using a modern Jamstack, a customized headless CMS and a React/Typescript frontend
- <https://means.tv> - a media streaming platform with subscription features
- A custom CRM for General Motors in React and NodeJS - used at Dealerships and special events nationwide

### Steemit.com

03/2018 - 05/2020

Developed applications for the Steem blockchain  
Fullstack Developer

Worked as part of a remote agile team with 3 other developers, to develop and scale open source blockchain software (<https://github.com/steemit>) used by millions of users and processing millions of dollars in cryptocurrency transactions.

- Built the most popular frontend (React/Typescript) for the Steem blockchain, including authorization, market trading, and cryptocurrency wallet features
- <https://steemit.com> - A reddit clone written in React, scaling from a few thousand to millions of users internationally
- <https://signup.steemit.com/> - User creation service or 'faucet,' onboarded more than a million new users
- <https://wallet.steemit.com> - Feature-rich cryptocurrency wallet including trading, exchange and withdrawal

### Quikly

05/2017 - 03/2018

Developed an administration dashboard in React  
Frontend Developer

Worked as lead React developer as part of an agile team on b2b dashboard software.

- Build out a GraphQL api in Ruby-on-rails to drive the react frontend
- Advocate for Typescript adoption within the company

### Penske Media Corporation

01/2016 - 05/2017

Developed CMSs and frontends for magazines like [rollingstone.com](http://rollingstone.com) and [variety.com](http://variety.com)  
Frontend Developer

Worked as part of an agile team with 2 other developers, developed CMS backends in Contentful, Wordpress and Drupal and frontends in React

- Lead pivot from traditional CMS instances to a headless model

## Education

### University of Cambridge, Jesus College

06/2006 - 01/2009

Bachelor Law & History of Art