

# 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 has a degree from the University of Cambridge in Law and History of Art and 5 years experience as a frontend and full-stack web developer. Before going freelance, he worked as an early employee for Steem, building user-facing apps and backend micro-services, with React, Typescript, and NodeJS on their blockchain as it scaled to 1M+ users. He has been learning Rust more recently, using it to make a static site generator, a key-value database, and working on an email subscription service. 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

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

- <https://hobbes.work> - a portfolio site for a 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
- <https://psilabs.org> - laboratory process tracking software and web front end, so customers can track their samples and publicize test results.
- 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