

# Iain Maitland

Front end Engineer



## About

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## Skills

### Professional

React  
Javascript & Typescript  
CSS Rust Java AWS

## Languages

English (*Native speaker*)

## Interests

### Art

Photography  
Graphic Design  
Painting  
Poetry  
Writing

## Summary

I am a software engineer with a focus and expertise on front end web technologies and with five years of professional experience. Before joining AWS, I ran my own software consultancy for a year. Prior to that, I worked as an early employee for Steem, building user-facing apps and backend micro-services, with React on their blockchain as it scaled to 1M+ users. In my spare time I enjoy programming in Rust, using it to make a static site generator. I am excited by any opportunity to use Rust's powerful features in production, particularly when it can complement my experience with Typescript and React.

## Experience

### Amazon Web Services

06/2021 - Present

Front end engineer

Design, code, and deliver production-quality user experiences on the technologies AWS customers interact with. With a focus on secure, accessible, maintainable, scalable, performant, and operationally excellent software.

- Architected and implemented a front end analytics/metrics system used to determine defects and performance issues of a mission critical react web app used in datacenters globally.

### Freelance

05/2020 - 06/2021

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 front end
- <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  
Front end 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 front end (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.com

05/2017 - 03/2018

Front end Developer

### Penske Media Corporation (pmc.com)

01/2016 - 05/2017

Front end Developer

## Education

### University of Cambridge, Jesus College

06/2006 - 06/2009

Bachelor History of Art