Michael Cockcroft
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Hello, I'm Michael

I am a Javascript developer with several years experience working on projects of all sizes, both in the front and backend space. I have worked on a variety of projects, for both myself and for my employers, helping me gain experience as a full stack Javascript developer, competent in all stages from design to build to cloud based infrastructure.

Most recently my roles have been around React and Node and building event based systems on an AWS or Azure infrastructure.

I manage a personal fantasy football stats site, and I created an AWS backed RSVP website for notifications (email/SMS) for responding to wedding invitations. Besides this I maintain several Contentful AWS hosted JAMstack sites, all built and maintained by myself end to end.

My Skills

The things that I use day to day are JS, React, Node, TypeScript, React Testing Library, Jest GraphQL, and AWS/Azure. These are my core skills and I would position myself as a full stack developer leaning towards the front end, but I'm equally as happy working in server code and infrastructure.

My most recent role was in an Azure based infrastructure, so I have gained experience there around Azure functions, Service Bus, Event Grid, and Devops. Previous to that I have mainly used AWS, working with Lambda, DynamoDB, SNS, SQS and many other aspects of the AWS eco system.

I also have skills in design and wireframing from a previous role as an interaction designer, using things like Sketch and Figma to create and share designs.

Experience

RTGS.Global | Lead UI Developer | March 2022 – Jun 2023

Project to build international cross border payment system. Build and maintain event based 'portals' to manage users as well as enabling payment entry, b2b relationship requesting, and monitoring balances and payments on time series graphs.

In this role I was the lead UI responsible for building and maintaining various front end systems, building from scratch all the way through to deployment. Key aspects of this role were creating and subscribing to event systems in Azure using ServiceBus, building and maintaining an npm published component library, creating GQL based servers to back the UI, fully implementing Azure AD SSO and using token based authentication and authorisation to secure the apps, and creating a full suite of E2E tests using Cypress. Creating and working with infrastructure built with Terraform.

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Experience (continued)

Floom | Software Developer | September 2021 – March 2022

eCommerce project building a chat system on an online florist web application.

This project involved using GQL subscriptions and AWS event based architecture (SNS) to build a chat app for marketplace florists to communicate with Floom as a supplier of stock and place orders. Helped educate the existing team on AWS features and how to implement these into the existing stack.

Moonpig | JS Developer | September 2020 – September 2021

eCommerce project working in the account team working on orders and reminders.

This project involved migrating the account area of the Moonpig website from legacy .Net apis to serverless infrastructure. Rebuilt apis and services in AWS using DynamoDB, SNS, SQS, and Lambda, while building new UI features in a React, Typescript and GQL client. All infrastructure built as code using Terraform. Pair programmed and mentored juniors while working on tickets.

HMRC | UI Developer | September 2019 – August 2020

Greenfield project building a platform to launch and monitor Virtual Machines, built using React, NodeJS, and TypeScript, hosted on AWS.

In a small team, I worked building APIs using NodeJS, GraphQL, and Typescript, and built the front-end webapp using ReactJS and GraphQL. Used TDD in all coding and managed dev-ops in team, controlling our own releases, creating and setting up DBs with DynamoDB, and monitored EC2s and logs in AWS.

LateRooms | JS Developer | October 2018 – August 2019

Travel website working to build a new package feature, selling coach and hotel deals.

Built new features for a whitelabel website, building with React, Typescript and GraphQL. Developed against a .Net backend, wrote e2e tests, developed release pipeline, and helped to extend the whitelabel aspect of the core functionality. This role also involved a lot of pair programming/mentoring junior members of the team to help upskill.