Aled Wassell

Software Engineer

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SKILLS

React

Angular

Typescript

Go

RxJS

TDD

Git

Agile

EDUCATION

Free CodeCamp

Full-stack Web
Development

2016 - 2017

Univ Hertfordshire

3D Animation

2007 - 2010

Warwickshire College

Computer Games
Development

2005 - 2007

WORK EXPERIENCE

Software Engineer

November 2018 - Present

Commscope assigned to Google

At Commscope we are developing a fiber network planning and visualisation web application used by fiber network engineers at Google.
Our application is integrated within the Google codebase, this means the code we write must be written and maintained at the Google standard.

Our frontend is built using Angular with RxJS, we use Cytoscape.js to draw an interactive diagram with data services built on reactive state using NgRx.
Our backend REST API is built in Golang.
We ensure the reliability of our front and backend code using Jasmine and the Karma debugger.
We practice Agile and continuous integration development with code reviews.

Junior Software Engineer

June 2017 - November 2018

FCP Technologies Ltd

Using AngularJS and Angular 6, I worked within a team of four developers.
We built projects using Three.js and WebGL inside a HTML5 canvas.
Used Angular 6 to make a call recording management application.
Created a dynamic dashboard that uses Chart.js and custom built graphs.

PROJECTS

WIP - Machine Learning Webcam

Built using Angular and TensorFlow.

github.com/aledwassell/machine-learning-webcam

master.do7xmjuhunga4.amplifyapp.com/

IMDB Movie Searcher

Built using ReactJS

github.com/aledwassell/imdb-movie-searcher

master.d3mb99sstosfgg.amplifyapp.com/

Part-time Website Developer

2015 - 2017

OTON GLASS

Volunteering as part of an energetic design and
branding team. I was responsible for improving and
maintaining the
OTON GLASS website. I translated this project from
Japanese to English using AngularJS.