## About Me

Extensive exposure to a variety of architectures solving problems across domains and across the stack has moulded me into a full stack polyglot agile developer with proven capability in delivering high quality software to budget and time.

## Job History

*Full Stack JavaScript Engineer for Unomee from November 2015*

Despite an extension with CTM on offer, I couldn’t turn down the opportunity to re-join Unomee as a full stack JavaScript engineer.

I was part of a 4-person team who handled all aspects of software development for a start-up including DevOps and support. We shared the PM and BA roles across the team so we’re proud that we delivered so many features at such high quality across mobile and browser with such a small team. I was responsible for the architecture and development of our API.

The API, written in ES6 with Babel running on Node using Express is built via a fairly typical Gulp configuration but also uses Flow. There are lots of useful integration tests utilising Nock, Mocha, Supertest and Chai. The API integrates with 3rd parties such as Experian in real time.

I extracted stateless micro-services and moved them over to AWS Lambda using the Serverless framework whilst leaving our stateful services running on Heroku with their Mongo add-in.

The existing team had extensive experience with Angular 1 so a prototype was created. In parallel, I worked on a strategic React version but the prototype worked so well that they kept it in Angular. The React app was before Create-React-App but used Redux and Webpack

CI and CD is via CircleCI, Heroku and AWS and our pipeline has enabled a large number of production deployments with few regressions.

With the help of the designer, I’ve recently worked on a Vue [web app](https://www.mopho.co.uk/) which shows mobile phone deals from an affiliate feed. Vuex and Nuxt were chosen for their clean architecture simplicity of build. My preference is Vue over React but either over Angular.

Currently working with AirBus helping them modernise their entire software delivery approach.

*Senior Developer for CTM from June 2015 to November 2015*

Part of the Motor team working on both Greenfield and Brownfield changes using technologies such as MVC, knockout.js, SQL Server, VB.net, Go, Jira, Slack and Splunk. Paired TDD with releases into production every few days or so. Mentored permanent staff to try and get them into the best practices CTM foster resulting in high code coverage. Helped resolve serious compliance issues and removed a significant amount of dead code.

*Lead Web Developer for TFL from December 2014 to June 2015*

I joined a team charged with improving the website through small features, bug fixes and increases in quality. Was given the role of Lead Developer ahead of longer serving permanent employees due to my high quality focus, ability to communicate with challenging people and demonstrable experience across the full stack. Working with the project lead, we established a team capable of reacting to both urgent and lower priority requirements and issues for which Kanban is a good fit for. I also perform DevOps duties for the team to ensure quality is not sacrificed in an aggressive weekly release cycle. It is rewarding to see our work in the hands of millions of users on regular basis and giving them improvements such as fixing security issues, IE9 usability, making the site available over HTTPS, image compression and encouraging and increasing unit test coverage.

I left TFL to be closer to home but have had my old job offered to me many times!

*Senior Web Developer for Dominos from September 2014. 1 renewal.*

An Angular SPA MVC 5 web application with backend infrastructure, including Web API 2, architected in an onion style. Feature Toggling and branch by abstraction were used to help transition to the early stages of a continuous delivery pipeline. The site underwent initiatives such as a more responsive approach and the introduction of a formal CMS.

*Senior Front-End Developer for Scribestar from February 2013 to August 2014. 2 renewals*

Worked in a team of senior developers in re-platforming to a HTML 5 based editor using best practice OSS such as Bootstrap 3, JQuery, Jasmine and Phantom. Originally Unomee which Scribestar, a start-up, had partnered with to develop their ground-breaking software. I was given the responsibility to design, architect and lead the Silverlight based editor despite never having worked with the technology. After establishing a well-defined structured architecture using Prism, MEF, CodedUI and AgUnit, I delivered an initial version to showcase to potential end users. I helped with the screening and recruitment process to build a team of three. The server stack was Node.Js and MVC 5 with Knockout and Jasmine, storage consisting of Neo4j, RavenDB and SQL coordinated by C# and RabbitMQ. We used SCRUM, TDD, BDD and pair programming to manage software in tandem with CI with Git, Team City and Octopus to allow the QA team to pull builds.

Older Permanent Employee Roles with Microsoft Technologies

* Technical Lead on site at Lloyds of London for Riskcare from April 2011 to February 2013
* Developer, Tech Lead, Test Manager, Architect for Travelex from September 2008 to April 2011
* Senior Web Developer for Business Control Solutions from February 2008 to September 2008
* Senior Web Developer for NFS Hospitality from September 2005 to February 2008
* Graduate Developer, Senior Developer for CGI Europe from September 2000 to August 2005

## Qualifications, Education and Interests

I have a Microsoft Certified Professional (MCP) 070-480 Programming in HTML5 with JavaScript and CSS3 and graduated from the University of Leeds with a Masters Degree in Physics with Electronics & Instrumentation 2(II). I listen to podcasts and subscribe to react, vue and infoq newsletters amongst others. I relax in front of the TV exhausted by parenting and the relentless pace of our industry!