

Dan Raine

Junior Full Stack Web Developer specialising in MEAN Stack and Typescript

Website:

<http://danrainedevelopment.com>

Email:

danieloraine@gmail.com

EXPERIENCE

thecitysecret, Richmond – Junior Full Stack Web Developer

July 2015 - Present Day

Started working for thecitysecret as an apprentice in 2015, and since has completed Level 3 and Level 4 Software Development through the training company Baltic Training with great results.

Wide range of projects developed – such as:

- Complex Document Sharing System working with external client
- GDPR Application for external client
- Company Internal Database System
- Google Calendar Holiday Counter System
- External Client websites (spare time)
- Hand Over work from previous employees when they left

See **EXAMPLES OF WORK** for more information

SKILLS

MEAN STACK – (MongoJS, AngularJS, ExpressJS, NodeJS)

HTML5 / CSS – Frontend Views and Design

Hosting Skills – I know how to deploy applications to the web

Typescript – (Type Safe JavaScript)

Generic JavaScript/TypeScript Libraries

Generic CSS3/ Styling Libraries

EXAMPLES OF WORK

The main work completed within thecitysecret was bespoke web applications aimed at improving the efficiency of tasks being completed within the company.

Complex Document Sharing System working with external client – (Typescript, Mithril JS – JS Framework, Rollup JS – Module Bundler , Tachyons – CSS Framework)

Hired to work on a project that another developer was already working on they just needed extra resources, this provided the skills of working with a client on an already existing project that had to be learnt and then improved upon. The code was originally in plain JavaScript but I helped change it all to TypeScript whilst extracting the code in separate typescript classes and components all made type safe by implementing interfaces which in turn lead to a very efficient set of code that was very scalable. This project has given the opportunity to work with an external client remotely and allow the development of communication skills through daily task setting and catch up meetings.

GDPR Application for external client – (MEAN Stack + Typescript for AngularJS, Email Server)

Project regarding the GDPR Laws. The client wanted to mass send a GDPR acceptance email and then receive the results via their preferred data format. The application allowed a csv upload of an email list then the user could mock up an email template within the application that included their branding which would be sent to each individual on the email list with a specific message specified by the client. It would then send a confirmation link to each email and would record which result each user in the email list clicked on. After the GDPR cut-off date had been reached the data was sent in the desired format to our client to say who had opted in to receive email notifications, who hadn't replied and who had specifically declined.

Company Internal Database System – (MEAN Stack + Typescript for AngularJS)

Working for a client that required a system to monitor company hardware assets, software licenses/renewals and employee data regarding PC assignment (inc. PC data too). This was built using the MEAN stack of technologies to create a web application that was easy to use and mobile friendly (Mongo, Express, Angular, Node). In addition the bootstrap css library was used to make it both mobile friendly and to create a visually appealing UI.

Google Calendar Holiday Counter System – (MEAN Stack + Typescript for AngularJS)

A system that used the Google APIs to extract the company's calendar data, manipulate it using logic and then display the data to the user showing their holiday up to date holiday information. The same principle was done for the amount of sick days for each employee.

This saved the administration staff a lot of time because previously this process was done manually. The process was completed using the MEAN Stack and accessing Google's built in APIs through express routes with the data being manipulated and displayed using AngularJS.

QUALIFICATIONS

Baltic Training, Level 4 Software Development (First Year Degree)

October 2016 - May 2018

MODULES

400: Project Management: Merit

401: Effective Communication in a Business: Distinction

402: Systems Development: Distinction

429: Systems Architecture: Distinction

415: Human Computer Interaction: Distinction

421: Object Oriented Programming: Distinction

409: Database Design: Distinction

426: Software Applications Testing: Distinction

Baltic Training, Level 3 Software Development (A Level Grade)

July 2015 - July 2016

5 modules Awarded at Distinction, 2 Modules Awarded at Merit.

(If copies are required, they can be sent over – Level 3 or Level 4)

Richmond Secondary School

September 2009 - July 2014

I completed secondary school at Richmond School with 12 A*-C Grades
www.richmondschool.net

ABOUT ME

I am a Junior Software Developer that loves the challenge of problem solving that software development provides, I am very driven to learn and I particularly excel in learning from implementation meaning that I can learn whilst working on new technologies within a project.

I spend some of my free time learning about new emerging technologies and innovation within the tech world. An example of this is the blockchain world; I have been extremely interested in this industry for a couple of years and have accumulated a good amount of knowledge on the subject. This could be beneficial for future due to the vast growth the blockchain industry is experiencing and will continue to experience over the coming years.

In addition, I set myself new challenges to benefit myself and others. For example, I enjoy boxing in order to stay active by training at least 4 times per week and to help with self-discipline and motivation. Recently, I took part in a sponsored fight to raise money for charity in memory of a friend. Another example was when I spoke in a careers assembly to 200 students at my old secondary school. In spite of being anxious about public speaking I knew I could overcome those feelings and help others by passing on what I've learned on the topic of the benefits and importance that apprenticeships have in today's workplace.