

# Monty Dawson

Web Developer

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## About Me

I'm a creative web developer with three years' experience developing, implementing and maintaining web applications. I'm passionate about creating products that meet customers' needs and provide a strong user experience. I'm proficient in a number of languages and frameworks and am always pushing myself to keep learning and take up new challenges.

## Experience

### 1Spatial: UI Developer (2016 – Present)

1Spatial is a world-leader in spatial data management, maintaining a suite of products designed to enhance, validate and process spatial data, as well as working with clients to develop custom solutions to their spatial data needs.

As UI Developer I was responsible for the frontend design, development and implementation of new solutions and products. Furthermore, I worked with product managers and backend developers to fix bugs and implement new features within 1Spatial's existing product suite.

During my time at 1Spatial I:

- Designed and architected the frontend of new products
- Developed POCs using new technology such as WASM
- Implemented new web products using a range of frameworks, including AngularJS and Angular
- Implemented new features and bug fixes across a range of existing products, using a mix of frameworks and plain JS
- Developed the UI of mobile applications using Ionic and Xamarin
- Improved the build system of flagship products using Webpack, Babel and Maven
- Ensured that all UI code had appropriate test coverage, writing unit tests using Jest and Jasmine, and functional tests using Selenium with Java
- Was awarded an internal '1Award' for innovation at the end of 2017 for my work on a successful POC

### Victoria Forms: eForms Consultant (2014 – 2016)

Victoria forms is one of the leading providers of online forms for local authorities in the UK.

As eForms Consultant I held a range of responsibilities including hands on development as well as managing customers and planning new implementations.

During my time at Victoria Forms I:

- Worked directly with customers to implement new solutions
- Lead training sessions of use of proprietary software
- Developed custom frontend components using plain JavaScript
- Was responsible for the styling of new solutions

## Key Skills

### JavaScript / TypeScript

AngularJS  
Angular (2 - 5)  
Ionic  
Vue  
React  
Redux  
WASM

### CSS / SCSS

Responsive Design  
Bulma  
Foundation  
Bootstrap

### PHP

SilverStripe

### NodeJS

Express  
WebSockets  
AWS Lambda

### C# / XAML

Xamarin

### Testing

Jasmine  
Jest  
NUnit  
Selenium with Java

### Build tools

NPM  
Webpack  
Babel  
Maven  
Gradle  
Jenkins

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## Freelance: Web Developer (2015 - present)

In order to further my skills and explore new technology I undertook personal projects as well as non-paid client work. For client projects I based my development on the PHP CMS SilverStripe, allowing me to gain experience with CMS development and working one-on-one with clients.

As a freelancer I have:

- Worked with clients to design and implement promotional websites
- Implemented full-stack solutions based on the PHP CMS SilverStripe
- Implemented RESTful APIs using NodeJS and Express
- Become proficient with Vue, ReactJS and Redux through personal projects
- Setup CI builds using Circle CI
- Setup hosting and DNS using AWS EC2 instances

## Education

### BA (Hon.) History, First Class

Queen Mary University of London (2011 – 2014)

The two most important lessons I learnt from my degree were how to process information effectively, and how to communicate myself efficiently. I quickly learnt the importance of picking out the key information whilst researching, and how to then take this information and use it to make a succinct and successful argument. These skills have been vital in my work life and have allowed me to learn new skills very quickly and communicate efficiently with clients and team members.

I am very proud of the work that I produced during my degree and am grateful for the opportunity it gave me to live and study in London.

## Volunteering

### The Well Coffee Shop: Barista (2015 – Present)

This monthly volunteer role has given me the great opportunity to learn how to use a professional espresso machine, as well meet and have a chat with people from the local community. It's a very fun and rewarding way to spend one Saturday each month.

### The Big Issue London: Team Volunteer (2013 – 2014)

This role involved training and supporting Big Issue sellers as they started to sell the Big Issue magazine on the streets of London. I was tasked with leading training sessions, and carrying out on-street visits to ensure that sellers were happy and safe in their environment. This was a very challenging role but helped me learn a lot about the problems of homelessness and the state of life in London for the disadvantaged.

## How I work

Agile

User focused

Framework agnostic

## Lessons I've learnt

Always clarify the users' needs

Always make time for planning

Consistency is key for good UX

Diving in is the best way to learn

Always acknowledge good work

## Favourite Technologies

React with Redux

Vue

Express

WebSockets

AWS Lambda

Circle CI

## Hobbies

Piano

Badminton

Running

Baking