

# Hettie McConnell

## Full Stack Software Developer

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### TECH-STACK

- **Languages:** HTML 5, CSS 3, JavaScript, SQL (and PostgreSQL)
  - **Frameworks + Libraries:** Vue.js, React.js, Express.js
  - **Deployment sites:** AWS, Github Pages, Herkou, Netlify
  - **Other:** AWS (Certified Practitioner), Git, Figma, Postman, Node.js
- Agile Methodologies, Design Thinking, Kanban, Scrum, TDD, Debugging

### PROFILE

A full-stack JavaScript developer with experience in DevOps. Passionate about writing accessible, easy to understand, well-tested code that also stands the test of time.

I am highly self-motivated and encouraged by my own personal development. My eagerness to learn has seen me move into a career that constantly pushes and challenges me to think in new and exciting ways, to look at a problem from as many different angles as possible and to realise that the learning is never done.

I am looking for a role within a company that values the energy and enthusiasm I have; I am a willing and hard working individual that will go above and beyond to learn in a new role and would hope to find a place in a company that places an importance on teamwork and the continuous development of their employees.

### PROFESSIONAL EXPERIENCE

**Darktrace, Analyst Tools Developer** 08/2020 – present

I currently work as a full-stack JavaScript developer for Darktrace. My role is based internally; creating, developing and maintaining vital online tools used within the Analyst team to maximise productivity and reduce lethargic workflows.

When developing a client-side application I ensure that every element of the web-app is functional, easy to use and understand and attractive to look at. I take a lot of care to produce accessible work that is responsive and well-suited to it's purpose. When working server-side I interact with, and create APIs, databases, algorithms and logical functionality. I also have experience working with DevOps at Darktrace. As our team is a relatively small one within the company, we are in charge of deployment of our own work, which we implement through docker and AWS, using terraform to write our infrastructure as code.

Since joining Darktrace in August 2020 I have been instrumental in the launch of a new app intended for use of our partners which will help broaden Darktrace's reach and profitability. While I was initially closely monitored in my work and programming, I am now often left to make decisions by myself and am trusted to write well tested, understandable code to a high caliber and make consistent progress alone. In the launch of this project, I have worked entirely full-stack and also had the responsibility of organising and managing a pen-testing team to ensure security within the application.

*Majority of work written in Vue.js and node.js alongside terraform and docker*

**Marsh + McLennan, Fiduciary Technician** 2018 – 2019

**Sunset + Vine, Project Assistant** 2019

## COURSES

**Full Stack JavaScript Development, Founders and Coders** 2020 | London, United Kingdom

A highly selective, sprint based 18 week full-time course focusing on HTML, CSS and JavaScript. Founders and Coders offer a unique learning experience of peer led tuition primarily taught through project work and workshops. My time here taught me the fundamentals of coding, but also gave me experience of pair programming, working in and leading a team, and organising and running meetups and coding tuition for future cohorts.

Through this course I have gained experience working in an agile environment, writing documentation that is concise and beneficial to the team and deploying projects on Netlify, Heroku and GitHub Pages.

Projects Include (forked repos can be found on my GitHub):

- Front end website for a digital agency, focus on forms and semantic HTML
- Front end website performing fetch requests. Fetches a random quote from an API, selects an appropriate word and fetches to a second API which provides a number of synonyms. You must then select the correct word.
- Front end To-Do-List, focus on TDD
- Full stack microblogging website, data stored in browser
- Full stack recipe website, data stored in database
- Building on a previously built site from another team, focus on authentication and cookies
- Build an entire REST API using Express.js backed by a SQL database- data based on the concept of users, books and their interactions
- Building a Front End for a previously made API
- A game built entirely in React.js

**Introduction to Web Development, Code First Girls** 2019

**Ruby on Rails Introduction, Rails Girls London** 2019

## EDUCATION

**University of Sheffield, BSc Economics** 2015 – 2018

- First class degree
- Focus on mathematical, statistical and econometric modules

## PROJECTS

**Teach A Man To Fish - Enterprise Adventures, DevOps Engineer/ Developer**

A web-application based on the School Enterprise Challenge programme, developing a social media interface to allow individuals to upload and keep track of their proposed businesses. The project involved working closely with a Product Owner, bringing an application from concept to delivery. As the project was time-sensitive we focused on bringing a front-end to the client, and setting up an Airtable system to function as a back-end and CMS for the client. I took on a specific role as Lead DevOps Engineer which involved setting up project architecture, ensuring continuous integration testing through Travis CI and managing deployment of site on Netlify using Netlify Dev (AWS Lambda)

*Tech stack: Figma, Git, GitHub, Jira, Miro, React.js, Jest, Airtable, Husky, Netlify (+ Netlify Dev)*

**Where's Whippy, Scrum Master / Developer**

A dual user, full stack web app that sends geolocation data between a React FE and Express REST API with PostgreSQL database to connect vendors and customers and deploying separately to Heroku and Netlify. I worked as Scrum Master on this project, a role which included sprint planning and setting appropriate goals for the time-frame of the project, finding the most efficient way to achieve these goals, holding team retrospectives to ensure the team is working effectively and improving on team dynamics, as well as initialising, keeping track of and updating the product backlog through GitHub projects to ensure the project is heading in the right direction

*Tech Stack: Express.js, React.js, PostgreSQL, Figma, Styled Components, Heroku, Netlify, Git,*