



# Jacob Blackburn

## Medical Doctor / Full-Stack Developer

I am a fully registered **NHS doctor** with a passion and personal interest in **technology**.

After retraining myself in **Full-Stack Software Development**, alongside working as a Doctor, I now work professionally as a full-time Software Developer. My primary language is **JavaScript** or **TypeScript**, but I also have experience with **Python** and **SQL**. I enjoy broadening my skillset and would be more than happy to learn new technologies or languages for potential jobs if required.

## Projects

- **React.js Portfolio Website**

A **React.js** single page application designed to display information and details about my professional development. Built with **responsive design** to adapt and scale between viewport sizes. Written in **TypeScript** and version controlled through **Git**, deployed through a **CI/CD** pipeline to be viewed on a remote domain. Styled through **SASS** and **Framer** motion library.

- **PERN Full-Stack E-Commerce Platform**

A **React.js** application built with the **PERN** technology stack. Accesses a custom built **Express.js** server acting as a **RESTful API** connecting a cloud hosted **PostgreSQL** database to the Front-End. The Model and Controller of this **MVC** designed project were hosted using **Amazon Web Services**. Each component was individually version controlled through **Git**.

- **React.js Mock Reddit Browser**

A **React.js** single page application designed to access the Reddit public **API** to fetch and display posts published on the platform. Built with **responsive design** to modify display based on viewport. Utilised the **Redux** library for global state management. Allows for filtering of posts based on user input and saving of subReddits to local storage for later viewing.

## Work Experience

- **2022 - Current**

Self Employed

**Trainee Full-Stack Developer**

- **Driven and Independent Learner** - Not afraid to embrace new technologies or languages. I have taken it upon myself to complete various courses and as a result have a wide skillset that I am keen to increase.
- **Motivated and Hard Working** - Whilst maintaining a demanding career reliably dedicated 30+ hours per week into learning a multitude of different skills, languages and technologies.
- **Committed and Passionate** - Actively choosing to leave a stable and rewarding career to pursue a path of genuine personal interest and passion. I am fully invested to and grateful for any opportunities.

- **2019 - Current**

NHS England

**Medical Doctor**

- **High Academic Achiever** - Throughout my life I have always challenged myself to achieve my best. For two concurrent year I have scored in the top quartile of doctors applying for GP training posts in the UK.
- **Clear and Effective Communicator** - A common part of this job was ensuring that patients and relatives can understand complex medical issues, whilst also maintaining empathy regarding their sensitive nature.
- **Teamwork and Leadership** - I have been a senior member of numerous teams filled with people of various, diverse backgrounds. I have also been a mentor for those more junior as they integrate themselves.

## Contact

### Website

<https://jblackburn.netlify.app>

### GitHub

<https://github.com/JakeyBlee>

### Email

[jakeyblee@gmail.com](mailto:jakeyblee@gmail.com)

## Courses

### IBM Full-Stack Software Developer - 12 modules

Coursera Professional Certificate

### Front-End, Back-End and Full-Stack Engineer

3x Codecademy Career Path

### Learn TypeScript

Codecademy Course

### Learn SASS

Codecademy Course

**Technologies:** HTML, CSS, SASS, JavaScript, TypeScript, Git & GitHub, React, Redux, Node.js, Express.js, Python, Django, Pandas, NumPy, SQL, PostgreSQL, Data Structures, Algorithms, Containers, Microservices, Cloud.

## Education

2019

### MBBCh Medicine

Cardiff University

2017

### iBSc Medical Education

Cardiff University

2013

### A Level Qualifications - A\*AAA

Kind Edwards VI Five Ways School

2011

### GCSE Qualifications - 18.5 A\*

Kind Edwards VI Five Ways School