Jacob Blackburn

Software Developer / Medical Doctor

✉ jakeyblee@gmail.com
⌨ https://github.com/JakeyBlee
👤 https://jblackburn.netlify.app

Professional Experience

Jun 2023 - Current

Good Growth

Software Developer

- **Successfully led and completed multiple time-critical projects -** As the named technical lead across multiple clients, I was responsible for managing both my own time and other available resource within the company to meet challenging project deadlines.

- **Maintained effective communication across clients and peers -** Frequently represented the company in calls with external technology teams to talk through the technical implementation of upcoming projects. This clarity was also maintained within internal stand ups and updates.

- **Improved and updated platform tooling and features -** Regularly authored new features for in-house React.js software to address use-cases and areas of improvement, with a focus on increasing workflow scalability and ease-of-use for newer and less-familiar developers.

- **Supported new developers through their induction processes -** Named as a mentor/buddy for other junior developers during their induction into the company to act as a point of reference for any questions or queries that they may have.

- **Adapted my own working practices to suit company needs -** Demonstrated flexibility in both job role and working hours to suit the needs of the company, often working out of hours to meet critical deadlines and covering others' out of hours shifts.

Jul 2022 - Jun 2023

Self Employed

Trainee Full-Stack Developer

- **Driven and Independent Learner -** Not afraid to embrace new technologies or languages. I took 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.

Aug 2019 - Jun 2023

NHS England

Medical Doctor

- **High Academic Achiever -** Due to medical school performance, I was awarded my first choice in foundation training rotations. Post foundation training, I scored in the top quartile of doctors applying for GP training positions in the UK for two consecutive years.

- **Clear and Effective Communicator -** A common part of this job was ensuring that patients and relatives could understand complex medical issues, whilst also maintaining empathy regarding their sensitive nature. I was also responsible for leading difficult conversations and breaking bad news to patients and their relatives.

- **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.

Qualifications

Cardiff University

2019 - MBBCh Medicine

2017 - iBSc Medical Education

King Edwards VI Five Ways School

2013 - A Level Qualifications - A*AAA

2011 - GCSE Qualifications - 18.5 A*

Coursera Professional Certification

IBM Full-Stack Software Developer - 12 modules

Codecademy Career Paths

Front-End, Back-End and Full-Stack Engineer - 3 courses

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**.

Technologies: HTML, CSS, SASS, JavaScript, TypeScript, Git & GitHub, React, Redux, Node.js, Express.js, SQL, PostgreSQL, Data Structures, Algorithms, Containers, Microservices, Google Cloud Platform.