

About Me

An experienced Full-Stack Developer since 2002 and Development Manager since 2017, I am highly skilled in TypeScript, JavaScript, HTML, CSS, PHP, SQL, Elasticsearch and many other languages. Being passionate about developing intuitive solutions, elegant user interfaces, and putting the user experience first, I have developed extensively with front-end JavaScript frameworks such as Svelte/Sveltekit, Vue/Nuxt, and Angular, as well as PHP with Laravel and Python with FastAPI and Pandas in the back-end.

One of my greatest skills is the ability to learn and implement new technologies quickly. I am considered an excellent team leader, friendly, opinionated, and highly knowledgeable with a good sense of humour.

Career

Development Manager, The Benchmarking Network

JUNE 2022 - PRESENT • MANCHESTER / REMOTE

At The Benchmarking Network (TBN), I lead the Development Team comprising of front-end developers, back-end developers, IT support, cyber security, and QA. Together, we produce the benchmarking software used by the rest of the organisation to collect data and produce reports, primarily focused in the healthcare sector and working extensively with the NHS.

Since joining TBN, I have grown the team, implemented new CI/CD processes to improve efficiency, and created feature-rich software offering better user experiences for our clients. We have recently completed development of a new product, built using Nuxt, Python and Postgres, that consolidates our legacy systems into one piece of software - utilising best practices and tapping my years of benchmarking experience to produce a highly customisable and redeployable codebase to meet our varying client needs.

Despite changing requirements, fluctuating resource availability and restricted timelines, my team and I were able to deliver this 12-month project on-time and fully-featured, whilst maintaining existing legacy systems, preserving critical data-flows and onboarding new clients.

Development Manager, CHKS

AUGUST 2017 - JUNE 2022 • SOLIHULL / REMOTE

As Development Manager at CHKS, I was responsible for the efficiency and productivity of my team of developers and system administrators. Together, we maintained the iCompare product, adding new features and including new data sets, increasing the amount of queriable patient records to 2.7bn. This involved improvements to hardware and software, including the installation and configuration of a 10Gb network with redundancy, all added with zero downtime to the live system.

My team also worked on a replacement to the 15 year old AWK ETL system, implementing a new pipeline written in Python giving massive performance improvements and removing thousands of old scripts, which were a large cause of technical debt.

Release Manager / Senior Developer, CHKS

APRIL 2016 - AUGUST 2017 • ALCESTER

I was promoted to Release Manager following my success creating the iCompare product. As Release Manager I was responsible for coordinating all software releases for the development team across 5 environments and multiple code repositories. In addition to this I developed new systems, including more advanced modules for iCompare. Furthermore I was instrumental in the development of a new clinician-based product that batch-generates custom-formatted PDF files containing benchmarked indicators for specified consultants and their peers.

Senior PHP/MySQL Developer, CHKS

OCTOBER 2013 - APRIL 2016 • ALCESTER

I worked across all the core medical analytics software produced by CHKS. I started by redeveloping the client login system, replacing the separate systems across each product with a single sign-on that then allowed access to all purchased products. After this I helped to create the new Market Intelligence product. My most impactful contribution though, was in the creation of a brand new flagship product named iCompare, which launched in 2015. This product, which I built using a custom-made PHP framework, leverages Elasticsearch to query 1.7 billion patient records for all UK hospitals across 5 years, allowing our clients the ability to benchmark their performance against any other provider in the country.

iCompare is up to 400 times faster than the previous benchmarking system made by CHKS, meaning it can run up to 30 indicators on a single screen, all of which can be filtered and grouped by many different fields almost instantly. The product was so successful that CHKS secured many new customers, resulting in additional development of new features and modules that focused on key new areas, such as A&E and Outpatients.

Senior Developer, Whiteroom Brand Design

AUGUST 2009 - OCTOBER 2013 • LEAMINGTON SPA

Leading a small team of designers and developers, I was responsible for all areas of digital projects. Dealing directly with the client, from the initial briefing through to the delivered solution, I worked on all stages of each project for brands such as Giant, Sprayway, Bose, Smartwool and the BBKA.

Senior Developer, Muse & Ogle

APRIL 2006 - AUGUST 2009 • LEAMINGTON SPA

As the sole developer for this company, my role was to work alongside the team of designers to create websites and Flash presentations, as well as an internal bespoke work management system. I also managed any outsourced development work.

Web Developer, Wolseley UK

2004 - APRIL 2006 • LEAMINGTON SPA

I maintained and developed 15 brand websites for the Wolseley Group, including Plumb Center, Build Center and Bathstore. I created an in-house work management system and helped develop the company intranet, providing critical company documents to employees.

Web Developer, Global Graphics

2002 - 2004 • KENILWORTH

My first full-time developer position after leaving university, I worked alongside a designer to produce a number of basic website and e-commerce solutions for SME companies.

</> Technical Skills

Vue / Nuxt
Angular
Svelte / Sveltekit
TypeScript / JavaScript
Tailwind
CSS / SCSS
PHP
Laravel
Python
FastAPI
Pandas
MySQL / MS SQL / Postgres
Elasticsearch

Qualifications

2023 - APMG INTERNATIONAL
AgilePM Foundation and Practitioner certification
2002 - UNIVERSITY OF TEESSIDE
BSc (Hons) Visualisation
1996/1998 - KENILWORTH SCHOOL
4 A-Levels inc. Maths & Physics
10 GCSEs

Personal

DATE OF BIRTH
16th July 1980
FAMILY
Married with 3 daughters
INTERESTS
Game development, cycling, and archery