

# Kyle Scott Roberts

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## SKILLS

I have had to adjust my skills over the years depending on the job role and the current trends.

Currently I work heavily in our internal team. I am developing our internal applications in NodeJS. Which have both been either console applications or web services. I have been using both Express and Hapi as frameworks for developing APIs. I started using Hapi more recently as I had a couple of projects where I found it nice to set up and manage my routes.

Working on the internal team has also meant developing applications to work with different third party applications. So I have been getting a lot of experience with different developer docs and external APIs.

Our recent applications have also been managed and deployed via Gitlab or Github. So I have been working with Docker for containers. This is deployed from a Gitlab runner which has meant both deploying `_gitlab.yaml` files and the associated dockerfiles for this to work.

Our new client websites are built using React, with both Immer and Redux as middleware for managing state. We recently moved over to Immer so I have been using that recently, but have been developing in React and Redux for the last 2 years.

Before moving into the internal team I was working on client sites. My last major client project was developing a ticketing/events booking system for a national museum. I worked as part of a team on this, but my main task was implementing the basket and purchasing side. This also meant some cross over with our backend developer.

Before the change into React and NodeJS I was working in C# .NET and Razorview pages. As a developer I would generally be in charge of content migration, in which I was building single use imports for content. These were generally console applications and I usually just improved upon and made changes to the last iteration. I was also dealing with many different third party integrations that were both for universities or from councils.

Since my focus in work switched to a more backend and application driven developer I have lost some of my proficiency in CSS as generally we are using styled components in React. Most of the time if I need to develop within the frontend site itself I can usually import the existing components.

## EXPERIENCE

### **Zengenti, (Ludlow, Shropshire)** – *Full Stack Developer*

MAR 2015 – PRESENT

- Working in React with Immer as well as HTML and CSS
- Building internal services with NodeJS.
- Building APIs in NodeJS using Express/Hapi.
- Maintaining C#/ASP.NET code.
- Working with Docker containers deployed from Gitlab repos.
- Recently connecting with Third Party applications such as Mailchimp and Statuscake.
- Built custom course exporter for SITs which reads outputted XML course files and imports them into the Contensis CMS.
- Built several importers over the years for migrating content from numerous systems in Contensis. These have both been with our classic system migrating into SQL and using the new in house Management API for creating entries.
- Jira time logging and task management

### **blahdblah ltd, (Llandudno, Conwy)** – *ASP.Net/C# Developer*

APR 2011 – MAR 2015

- Working in ASP.NET, C#, HTML, CSS, JQuery.
- Started working with Webservices for some of the frontend components. This allowed some services to use AJAX so we didn't need to reload pages for updated content.
- Built a custom calendar lookup for a local caravan park.
- Maintaining and continuing to build on the in-house built CMS.
- Worked at times alongside designers when developing new websites.
- Attended client pitch meetings.
- Using a time logging system.
- Started using MVC framework

### **WiSS, (Bangor, Gwynedd)** – *Web Developer*

AUG 2009 – APR 2011

- Working in VB.NET, HTML, CSS and JQuery.
- Help develop the in-house CMS.
- Fixing bugs or developing new features.
- Worked on bilingual sites including my first e-commerce site.
- Working on support for clients. Managed both by direct calls and emails.
- Uploading websites to servers.
- Working with mail servers.
- SQL Server.

## EDUCATION

### **Coleg Llandrillo** – *FDSC in Computing*

SEP 2008 – JUL 2010

Course involved Database design and development, Introduction to programming, Project management and Human computer interaction. Most of the course was around ASP.NET.

### **Coleg Llandrillo** – *AVCE in ICT*

SEP 2004 – JUL 2006

Course was made up of several components specialising in Web design, Programming, Word processing as well as an ECDL module. Programming was in VB6 and used Visual Basic. Our web design module consisted of basic HTML with tables and some Microsoft Frontpage.