**Ryan Christian Wilson –** *Frontend Developer*  
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**Profile**

Versatile **Frontend Developer** with 7 years of experience architecting scalable web applications, specializing in **Angular**. In a commercial setting I’ve used up to v16, though I’ve kept fully up to date (v19) in my spare time.

Passionate about creating intuitive, accessible, and engaging web applications that truly help connect people.

**Key Skills & Technologies**

* **Languages:** TypeScript, JavaScript, HTML, CSS/SCSS, C#
* **Frameworks & Libraries:** Angular (v8-19), jQuery, ASP.NET
* **Tools & Platforms:** Git, GitHub, TFS, Azure DevOps, Google Cloud Platform (GCP), BitBucket, Jenkins
* **Development Methodologies:** Agile, Scrum, Kanban
* **Other:** RESTful APIs, Component Libraries, State Management (NgRx, Redux, RxJs)

**Employment History**

**SideQuestVR** | *Senior Frontend Engineer* | February *2023 – Present*

*Stack/tools – Angular 16, Node.js, GCP, Jira, GitHub, CodeRabbitAI, Figma*

At SideQuestVR, I led the rebuild of the VR store using Angular, implementing a modular design system that allowed non-technical users to configure entire page layouts dynamically. This system functioned like a WYSIWYG editor, giving users more control over how content was presented.

As part of the redesign, I designed and implemented a component library to ensure consistency, reusability, and maintainability across the application. This not only streamlined development but also improved collaboration between developers and designers.

Alongside backend developers, I helped architect an event scheduling system for community-driven VR meetups, integrating REST APIs to enable seamless coordination between users and events.

**Talos360** | *Frontend Engineer* | *March 2022 – January 2023*

*Stack/tools – Angular 13, .Net, Jira, GitHub, NgRx, Figma*

I worked on modernizing an employee engagement survey game and reporting application that was previously built with AngularJS, upgrading it to Angular 13 with NgRx. I also used Figma designs to update the UI, making it more accessible and user-friendly.

This role was instrumental in helping me learn and implement NgRx, which significantly improved state management and made it easier to handle reporting and filtering through hundreds of users.

**EducationCity (Edmentum Inc) |** *Frontend Engineer* | *October 2020 – March 2022*

*Stack/tools – Angular 13, .Net, BitBucket/Jenkins*

The initial project I started when I first joined EducationCity was to take an existing suite of literature and mathematical children's games written in jQuery and utilizing SmartFox Server and rewrite them entirely from the ground up in Angular. I was later joined by another developer who helped rewrite the animation logic to become functional in Angular. In rewriting these games, we ensured they were accessible, responsive, and touch friendly.

Early into 2021, the UK team was merged with the US team – as a team we were given the challenge of taking old learner experiences for users, implementing new experiences with the help from the design team, utilizing Angular and existing APIs. Along with this, we ensured that all the pages and content were fully accessible for users to WCAG 2.1 AA standards.

**Ctalk Ltd** | *Frontend Developer* | *Jul 2018 – October 2020*

*Stack/tools – Angular 8, KnockoutJs, .Net, Jira GitHub, Electron, SignalR*

When I started at Ctalk, I came into an already in-progress project which had mostly been developed by back-end developers. As a result, very little work had been completed regarding the user interface and experience. I have played an integral role in developing this for a new web-based software system intended to be used in contact centres. My duties included working closely with a graphic designer who provided Photoshop mock-ups for the website design.

I had worked effectively in a team to develop a live chat system for the software and had created an interface for the client dashboard which helps the customer to contact a call centre agent.

In August 2019, we were given a new project to create contact centre monitoring software. As one of two frontend developers on the team, I was given significant responsibility in building this application in Angular 8, and the team relied on me to architect the system from the ground up. In doing so, I created a middleware service that allowed the frontend to make polling requests to a SignalR Hub alongside a RESTful API service that handled saving user settings to a database.

**WhichRate UK** | *IT Assistant* *| October 2014 – June 2018*

I oversaw all system operations, implemented and updated all hardware and software. I was also a support desk for other employees and attended to anything that required my attention. I was responsible for managing all telephone systems, including call recording, which I carried out following best practices in accordance with data protection.

I routinely updated and maintained all three of our servers and made any necessary changes to switches and routers. I oversaw the implementation of our systems at our new office space, making changes to improve system flexibility.

**Education**

**University of Derby** | *Foundation Degree in Computer Science* | *2015–2018*

* Graduated with Distinction.

**Thomas Alleyne’s High School** *| BTEC Level 3 in IT | 2011–2013*