

Stephen Adams – Web Developer

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Profile / Summary

An experienced **Web Developer**, an expert at developing highly responsive desktop and mobile applications for private and public-sector organisations - typically digitising business workflows and delivering significantly enhanced user experience. Key strengths include providing hands-on Angular and Vue development to produce bespoke applications at a high standard which reduces the need for future fixes; mentoring and coaching teams of developers to advance team competencies and increase output; engaging with Scrum Masters and Project Managers to understand project requirements and ensuring functionality is delivered as expected.

Key Skills

- Angular/NX
- TypeScript/JavaScript Development
- NgRx/Redux/RxJs
- VueJS (Version 3+)
- React/NextJS
- Test-Driven Development (Jest)
- Connecting to REST APIs
- Systems Analysis
- Requirements Capture
- Business Process Improvement
- Responsive Web Design/Development
- HTML/CSS/CSS3/Sass
- Git Workflow
- Stakeholder Management to Board Level
- Refactoring Legacy Code

Career Highlights

- Worked on a large NX based Angular application for a global headset device company. Upgrading the versions of Angular, creating new applications, improving Cypress test coverage and improving the code quality by implementing best practices and architecture.
- BT built a VueJS based application showing complex cabling information on a multi-layered map so users can visually see where there could be costly issues laying cables for the BT Sports network.
- Solirius Consulting, working on a training platform for a major client of theirs. This platform is a video platform and admin system. Where the client sets up a series of sessions and activities for the participants of the training.
When these sessions are active the participants can log into the video room to watch the presentation from the trainer. In this Angular 10 application, I helped develop the training room which used SignalR for communication and Twilio as the streaming service. Setting up a variety of video room layouts for the different types of training that the team provides. The system is integrated with a backend of APIs written in .Net Core running on Azure. The whole project was managed through Azure DevOps.
- Author of Getting Started With Angular (<https://leanpub.com/getting-started-with-angular>) Published through Leanpub, this book is aimed at developers new to Angular, who want to learn how to build enterprise-level applications using Angular.

Career History / Work Experience

Consultant / Web Developer: CGCSoftware - 2012 to Present:

Since 2012, I have operated as an Independent Consultant and Web Developer completing assignments for leading companies such as Chelsea FC, BT, Calor Gas, Google, and The Houses of Parliament.

RealWear: Angular Developer (Contract) - May 2023 to present.

Working on multiple Angular applications all within a NX mono-repo, these applications are part of the cloud infrastructure allowing clients of RealWear to manage their devices. Including assigning devices to groups, updating the software on the devices and managing licences all through the various Angular apps.

- Add new features to existing Angular applications.
- Improved architecture used throughout all the Angular apps
- Improved Unit Test coverage with Jest and CypressIO for E2E tests
- Built a Twilio based application.
- Upgraded the NX repo from Angular 13 to 15
- Working with APIs from a .Net core backend
- Part of a fully remote team, spread across 4 separate countries.
- Working within an Azure Devops managed project

SmartImpact: Angular Developer (Contract) - Jan 2023 to May 2023

Here I worked on the Solicitors Regulation Authority application, that all solicitors use to apply for and renew their insurances or register once they have qualified as a solicitor. This application was used by the SRA to manage and facilitate their business processes.

- Working on an existing Angular 13 project after the previous developer left the project.
- Upgraded the application from version 13 to version 15.
- Fixed all issues raised during the upgrade process.
- Continued maintenance of the application after upgrade and documenting how upgrade was made.
- Adding new sections to the application via a FormIO based system.
- Working with APIs from a .Net core backend

BT: Vue Developer (Contract) - Oct 2021 to Jan 2023

The application I developed for BT was an interactive map that allows users to visually see where cabling was laid anywhere in the UK ensuring expensive work was not carried out where existing cables were already laid. This application is used throughout BT as part of their planning and due diligence for new work.

- Joined a small team working on a new system which displays complex cabling data to users via a map.
- Rebuilt the original early prototype with new functionality, including advanced search against GraphQL endpoints, displaying complex data models as multi-layer routes on a map, converting to using the new Composition Api approach from Vue 3, converted the application to TypeScript and rebuilt the UI to a higher standard.
- The system was built using VueJS, composition API, Vuex and TypeScript connecting to an AWS based API.

Inawisdom: Front-end Developer (Contract) - May 2021 to Oct 2021

Joined existing Inawisdom team working on a finance-based system for a pharmaceutical client of theirs. This finance system was used by the pharmaceutical company to manage the sales of their products, both existing and new. The sales teams would use the system to search for the details and cost of products, while the admin team would use the same system to generate reports and add new products to the system.

- Built new features for the system which takes in financial data for medical products and pharmaceutical companies, which the client gathers and resells to their clients.
- The system was built using Angular and NgRx with a .Net-based API, using DevOps to manage CI and sprint workload.

Solirius Consulting: Angular Developer (Contract) - Dec 2020 to May 2021

I helped develop a new online training video platform for the client of Solirius. This Angular application used the Twilio video platform to create various types of online training rooms for the client to train their

staff on how to run negotiations as their main business was managing mergers between companies and staff needed to train how to do this using this platform.

- Engaged by Solirius to work on an Angular application for a major client of theirs
- Working on an admin and training platform, providing lessons via video
- Built the video training system providing a variety of layouts for the different types of training.
- Using Angular 10, RxJS, .Net Core APIs, all managed through Azure DevOps

Cambridge Assessment: Angular Developer (Contract) - July 2019 to Dec 2020

I joined Cambridge Assessment to build a new system for authoring exam questions for international students, replacing a third party system. This new application allowed exam authors to select from a pool of questions to create exam papers for students. Once an exam was created via this system the paper was sent to another part of the business to be printed.

- Engaged by Cambridge Assessment to work on internal Angular application.
- Working on existing production Angular application and new replacement application
- Using NgRx 8 as the framework in order to create a reactive application for users
- Worked with non-technical managers and stakeholders explaining how the application works and status of project

Relevant Career History

- Beyond: Senior Web Developer (Contract) - May 2019 to 2019
- Netwealth: Angular Developer (Contract) – Nov 2018 to Apr 2019
- MakePositive: Mobile/Angular Developer (Contract) - Feb 2018 to Nov 2018
- Houses of Parliament: Angular Developer (Contract) - Oct 2017 to Feb 2018
- Chelsea FC: Angular Developer (Contract) - Nov 2016 to Sep 2017
- Lifecake.com: AngularJS Developer (Contract) - May 2016 to Nov 2016
- Various: Freelance Ionic Developer - Jan 2016 to May 2016
- Houses of Parliament: Ionic/Angular Developer (Contract) - Jun 2014 to Dec 2016
- Qinec Ltd: Angular JS Developer (Contract) - May 2014 to Jun 2014

Education / Qualifications

- BA (Hons) English Literature: University of Hertfordshire

Personal Details

- Address: Stevenage, Hertfordshire, SG1 3QF
- Driving Licence: Full UK (clean)