Stephen Adams - Web Developer

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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 stakeholders, Product owners and Project Managers to understand project requirements and ensuring functionality is delivered as expected.

Skills Summary

Web Developer | Frontend Developer | Angular Developer | Vue Developer | TypeScript Developer

Skills / Technical Details

Languages: JavaScript, TypeScript, NodeJS, HTML, CSS, Sass, Tailwind, experience with C#

Frameworks: Angular, Vue, React, Ionic, RxJs, NgRx

Testing: Jasmine, Jest, Karma, Storybook

Cloud Platforms: Azure, AWS

Methodologies: Agile, Kanban

Skills: Web application development, API integration, Application version updates, Frontend Architecture,

Career History / Work Experience

CGCSoftware   **July 2012 to present**

Consultant / Director / Web Developer

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   **May 2023 to present**

Senior Frontend Developer

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 Cypress 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
• Working within an Azure Devops managed project

SmartImpact   **Jan 2023 to May 2023**

Lead Frontend Developer

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   **Oct 2021 to Jan 2023**

Lead Frontend Developer

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 using LeafletJS and Vue
• Rebuilt the original early prototype originally written in Vue 2 and upgraded to Vue 3 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 AWS based APIs.

Inawisdom   **May 2021 to Oct 2021**

Lead Frontend Developer

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   **Dec 2020 to May 2021**

Senior Frontend Developer

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   **July 2019 to Dec 2020**

Frontend Developer

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 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

Beyond   **May 2019 to July 2020**

Web Developer

Joined Beyond to work on a project for Google, their Learn With Google site, adding a new training plan recommendation system. This system allowed users of the site to enter what skill they are looking to learn and the system would then suggest a set of training they could take to work towards this skill. The app was built using Angular, TypeScript and NX workspaces. Integrating with AWS based APIs. The UI was built using Sass and HTML and needed to match the high-level designs provided by the design team.

• Add new section to existing application
• Using Angular, TypeScript, TDD and NX
• Needed to match Google coding standards
• Responsive design built using Sass in order for site to work across all platforms

Netwealth   **Nov 2018 to Apr 2019**

Web/Mobile Developer

Was contracted directly by Netwealth to develop the initial build of their mobile app. This app is for their clients to see how their investments through Netwealth were progressing. This app was designed to work for both iOS and Android, and allowed users to log into their account and see the status of their account. We used the Highcharts JS library to visually show the ups and downs of their investments. Through using Ionic we were able to release on both iOS, including tablet, and Android at the same time.

• Built mobile app using Ionic for Android and iOS
• Integrated Highcharts to show visually status of investments
• Loaded data via .Net APIs
• Used TDD to improve code quality

MakePositive   **Feb 2018 to Nov 2019**

Web/Mobile Developer

Joined MakePositive to work on a mobile application for their client Calor Gas. This mobile application integrated with a SalesForce backend and allowed the sales team at Calor Gas to place orders while onsite via a tablet. The app was built using Ionic and Angular and integrated with the SalesForce platform via APIs and an SDK provided by a third party company called MobileCaddy.

- Built tablet-based app using Ionic for Android and iOS
- Integrated with Salesforce backend
- Created UIs based on design specifications and project lead specifications

Houses of Parliament   **Oct 2017 to Feb 2018**

Lead Frontend Developer

As part of a team within the main IT department of the Houses of Parliament, I was responsible for developing all the UI for the various projects this internal team was responsible for. Including building a tablet application to record the votes MPs made when voting for a motion. A web application that allows members of the public to see how their MPs had voted within the House. I worked on apps for both the House of Lords and the House of Commons, working within the guidelines of Gov.UK and the branding of both Houses.

- Built tablet-based app using Ionic for Android and iOS
- Integrated with .Net applications
- Created Angular applications that used .Net APIs

Chelsea FC   **Nov 2016 to Sep 2017**

Lead Frontend Developer

I joined a new team within Chelsea FC to work on the build of the new website (https://www.chelseafc.com/en) working with the new design agency who had been awarded the contract of designing the new version of the website. I was responsible for developing the frontend of the site, taking the elements from the UI designer and building the components and screens needed. As well as integrating with the Adobe AMP based API, which was being developed by Adobe themselves.

- Created components and pages for the new site, which are still being used
- Created the Match Centre section and News sections
- Integrated with Adobe AMP applications
- Discussed design ideas with third party agency and stakeholders from Chelsea FC

Relevant Career History

- Lifecake.com: AngularJS Developer - May 2016 to Nov 2016
- Various: Freelance Ionic Developer - Jan 2016 to May 2016
- Houses of Parliament: Ionic/Angular Developer - June 2014 to Dec 2016
- Qinec Ltd: Angular JS Developer - May 2014 to June 2014
- Reed Elseiver: Web developer - May 2013 to June 2014

Education / Training

- BA (Hons) English Literature: University of Hertfordshire

Interests

- Guitar Player

- Gym/Yoga