

# Jon Preece

**Mobile:** 07955567790 **Email:** [jon@jpreecedev.com](mailto:jon@jpreecedev.com)

**Address:** 27 Bridgeport Mews, Great Sankey, Warrington, WA5 3SL

## Profile

An experienced and accredited front-end web developer with a genuine passion for building and delivering solutions, working smart, and coding to a very high standard. I am a likeable person, a team player, and efficient problem solver with a positive can-do attitude.

## Areas of Expertise

- AngularJS, Angular 2
- TypeScript, Babel, ES5/ES6 JavaScript
- Gulp, Webpack, various Node tooling
- HTML 5, CSS 3, Bootstrap, SASS/SCSS
- TypeMock, Moq, Karma, Jasmine
- Microsoft SQL Server
- C# ASP .NET MVC, Web Forms
- WPF, MVVM, Windows Forms
- Entity Framework
- Visual Studio, TFS, Git, SVN

## Specialist Training & Higher Education

### Apr 2014 - Apr 2016: Microsoft

- Microsoft Certified Solutions Developer
- Microsoft Certified Professional (MCP)

### 2007-2010: University of Chester

- BSc Computer Science Degree (First class with honors)

## Experience

### July 2016 – Present: Front End Developer, AO.com

Worked as a front-end developer in the marketing and e-commerce departments primarily on an additional product offering, computing. I developed all the main landing pages for the category, including coding all the styling (using SCSS and Susy) and JavaScript (vanilla ES6, Babel, Gulp and Webpack). The development went through several iterations and was regularly presented to project stakeholders. I realized early on that my code had to be very robust (due to constant and rigorous testing by the UAT team) and yet flexible to keep up with ever changing requirements, so I adopted the SOLID principals when appropriate.

As a strong AngularJS developer, I was often called upon to support other teams around the business with their AngularJS code. Specifically, I contributed significantly to the mobile

checkout journey, involving rewriting existing code to improve UX and performance, as well as supporting other staff with bug fixing and general day-to-day coding struggles. Much to my pleasure, I was called upon by the company to hold learning workshops/presentations to further the team's knowledge on the subject.

### **May 2016 – June 2016: Front End Developer, Tyres On The Drive**

During my short time at TOTD, I had a significant impact. I was brought in to specifically work on two projects; improve the website performance and implement an online payment processor (Braintree) to enable the company to accept payments online.

Some performance tuning key stats; page size reduced by 22%, reduced requests by 9.3%, fixed issues with images being repeatedly requested, tuned animation to improve visual perception, refined bundles and minification. Changes lead to a significant increase in Google Page Speed rating and search result rankings.

### **Apr 2015 – Apr 2016: Front End Developer, Destinology**

Worked as a front end web developer on a variety of internal and external projects. All projects contributed towards re-development of the website, which was the main source of business. Worked daily on projects using TypeScript and AngularJS, with regular exposure to C# ASP .NET and SQL Server. Work was mostly independent but occasionally as part of a team of several developers. When not working on Greenfield projects, I acted as support for other developers, including providing advice, mentoring and a second set of eyes.

I independently developed a blogging platform, for use by the marketing team, to drive traffic to the website. The platform consisted of a browser-based WYSIWYG fully interactive page builder complete with drag-drop, animation, scheduling, promotional tools and was built against the SOLID principals. I utilized TypeScript to make the project more scalable and robust, and Angular for the SPA design. A plugin architecture was developed to easily enable extensibility, which quickly paid dividends as the business requirements often changed.

### **Sep 2014 – Apr 2015: Full Stack Web Developer, JustAccounts**

Worked as a full stack web developer and technical advisor on several projects, including migrating functionality from a legacy C# .NET Silverlight solution to a modern HTML5 solution. I was responsible for designing and developing new versions of existing functionality for the modern web. In my technical advisor role, I also contributed significantly on many technical aspects (frameworks, technologies etc.), delivery timeframes, and usability/accessibility considerations to ensure that the right product was being produced for the business and the users, which included non-technical people.

The largest project was re-developing their existing product dashboard. This was the first screen users saw after logging in and it displayed important accountancy related details. I designed a metro-style, tile based, responsive UI that provided several useful metrics at a

glance. The page was mobile/tablet friendly and became the "face" of the product, loved by marketing and clients alike. The page was built using jQuery, and had a RESTful (OAuth) based layer for fast communication with the back-end, enabling dynamic asynchronous loading of data which contributed significantly to reducing server load, reducing initial page load time to <1s, and making the rest of the site more performant generally.

### **Sep 2013 – Sep 2014: C# ASP.NET MVC Developer, ClearSky Accounting**

Worked as part of a small team developing and maintaining several accountancy portals under different brands. I contributed to several projects, including; re-developing the existing site and optimizing for performance, writing new websites for the sales/marketing teams, migration of back-end systems to Windows Azure, and developed/improved interfaces with third party systems.

The biggest impacting project I worked on was a Greenfield project that allowed direct integration with Salesforce. I wrote a WCF service, which captured the raw leads and stored them directly in the SQL Server database. This endpoint was performance sensitive, it had to respond within 100ms or the request would fail, so I wrote a custom adapter for Entity Framework to ensure data was persisted quickly and safely. I also developed a front-end ASP .NET MVC website for use internally by sales staff, who would then clean up the data and ultimately chase the leads for new business, so easy of use and clarity was vital. I was primarily responsible for this project and I designed, developed, security/penetration tested, performance tuned and deployed it individually.

### **Jun 2013 – Sep 2013: Lead Developer, Yellowbus Solutions Ltd**

Lead a small team on a bespoke WPF application for the haulage industry. This project involved working very closely with a client to identify their requirements, writing specifications, and designing and developing the application. I led the project and directly managed my own and my team member's workloads. I also frequently liaised directly with the client and built a good relationship with them which led to more business. I made decisions regarding software architecture, front end design, and the deployment strategy. The solution was delivered on time, was well received, had minimal bugs, and has gained a significant user base.

### **Jul 2010 –Jun 2013: Software Engineer, System C Healthcare Ltd**

Worked as part of a large team developing an Electronic Prescribing and Medicines Administration (EPMA) clinical product for the NHS. I contributed to this project, and provided training/mentoring (via regular workshops and one-on-one sessions) to all new and existing staff. I also supported a project focused on performance tuning the backend business logic and T-SQL, utilizing equipment at Microsoft HQ in Reading.

The biggest project I worked on was developing a drug administration timeline for the EPMA clinical solution. Comparable to a scheduling calendar, this displayed past, current and future drug administrations in a highly visual way for use by medical staff on wards at hospitals. I gathered the requirements from the project stakeholder, wrote specifications, and managed my

own workload. The feature was developed using WPF, and received a lot of positive feedback from management, the product owner, and customers.

## **Feb 2008 – May 2010: Software Developer, Fantastic Media Ltd**

Working within a software development house, primarily responsible for developing Bluetooth proximity marketing software using C# and third party Bluetooth API. I also developed a PHP/MySQL based website that could be used to control the software remotely and display statistics about how the software was performing. As well as the main projects, I was responsible for developing Java based applications for mobile phones.

## **Freelance Experience**

### **Sep 2014 – Present: Software Engineer, Skillray Transport Services**

Worked independently as a freelance developer, during evenings and weekends, on a range of desktop software and web applications.

Projects include; developed a new website for generating reports, viewing statistics, managing user access, sending emails and more. The first iteration of the website was written using C# ASP .NET MVC with JQuery (no client side JavaScript frameworks). The website was backed with Entity Framework and SQL Server. I also redeveloped the WPF application to interact with a WCF backend, which has a completely bespoke authentication and authorization layer for managing installations remotely.

The original website served its purpose, but despite exhaustive performance tuning suffers from issues with performance. Therefore, I re-wrote the entire website using Web API, Angular 2, Bootstrap and Jwt. Development is ongoing but performance has been dramatically improved and the site has been well received.

## **Interests/Other**

I spend most of my free time reading technical books or books directly or indirectly related to our industry, watching training videos on YouTube and Pluralsight, and contributing to my personal blog and open source projects. When not doing all of this, on a summers day, I can usually be found in the garden.

Over 19 glowing recommendations on LinkedIn.

## **Availability**

7 day notice period. References and portfolio available on request.  
Full clean UK driving license