Ed Williams

101 Clay Street, Crockerton, Warminster, Wiltshire. BA12 2AF

+44 (0) 7599 166144   edwilliamsdevelopment@gmail.com   edwilliamsdevelopment.com

Professional Profile

As a developer, I have many years of commercial experience in building robust and scalable websites, Progressive Web Apps and API's. I write fullstack JavaScript and enjoy taking a project on from end-to-end. As a confident Linux user I am comfortable using the CLI and writing build scripts. As a UI developer I am completely au fait with SASS and have extensive experience with animations (CSS, SVG and WebGL). My experience with React and Cordova has enabled me to migrate projects to React Native, where I currently see an exciting future for native app development. I am a keen functional programmer and have a proactive approach to learning new skills / keeping skills up-to-date.

I am experienced in communicating with stakeholders and clients alike, whether consulting for small enterprises or scoping projects for multinationals (Jaguar Land Rover, Good Energy, Nike, VUE, et al). As a Kanban evangelist, I have brought Agile working to teams and believe in quick and direct communication with all colleagues and stakeholders. My work history (which also includes music and guitar teaching) has enabled me to effectively mentor junior developers and has given me a lifelong appreciation for what can be achieved by teamwork, as well as the ability to be effective both solo and remotely.

See below for a selection of the applications I have developed over recent years. For more info / links, please visit: edwilliamsdevelopment.com

Work Experience

Passiv Systems, Newbury (Contract) - January 2017 - Present

I am rebuilding the PassivLiving heating App - the control for their smart thermostat platform, available in App Store and Google Play

- Bespoke React / Redux web app
- Maintaining and utilising Cordova plugins and build scripts
- Writing / updating custom Webpack and Jenkins build scripts
- Participating in new API specification
- Working alongside MA UX students at City University to develop new features
- Engineering bespoke animations to represent heating states within the app
- Writing and maintaining unit tests and integration tests
- Emulating and debugging devices in Xcode and Android Studio

Virtual Forge, Holt (Contract) - August 2016 - November 2016

I rebuilt a core piece of functionality of the Jaguar Landrover e-learning system, based on new designs, and worked closely with other developers into integrate this with their existing bespoke .NET platform.

Jaguar / Landrover Learning Platform

- Performed large scale CSS refactoring of legacy code
- Working as part of a distributed national and international team
- Using virtual machines to integrate into a .NET workflow, including TFS version control and Razor templates in Visual Studio
- Supporting and integrating into existing legacy frontend code, including Knockout.js
- Browser support stretching back to Internet Explorer 8
- Building the UI in vanilla Javascript, borrowing heavily from Angular's design pattern

Dare West, Bristol (Contract) - June 2016 - August 2016

I joined Dare West as a fullstack developer to assist them in completing a site rebuild for the School of Economic Science. I continued in this role to work on their project with Good Energy.

Good Energy

- Developing quote engine UI alongside .NET developers
- Created BEM-centric frontend code in Razor templates to integrate into an Umbraco / .NET backend
- Early adoption of ES6 modules with Browserify / Gulp

School of Economic Science

- Full-stack development of custom features
- Third party API integration

Rosie Lee, London - December 2014 - May 2016

As senior developer I was responsible for all in-house development and provided consultancy for all projects with a digital element. Along with building the fullstack of their website (rosielee.co.uk) and a collection of microsites for JD Sports, other notable projects included:

Inside Rosie Lee

- Bespoke business administration built as API with Node/Express
- Client composed of Collection of UI components

<u>VUE Playbook Application</u>

- CSS animation presentation tool. Offline-first and engineered on top of Impress.js
- I later developed a custom backend solution to allow users to edit text
- Worked closely with client on site to install presentation in cinema

<u>Deep Blue Sky, Bath - February 2014 - December 2014</u>

In this role I was responsible for building the frontend codebases of all new applications and maintaining legacy codebases (inc using Prototype). All applications we integrated into a proprietary CMS called Spirit, which was built with Perl and PHP. Notable projects included comparerecruit.com, amplifychange.org and manxflights.com

<u>Cognique, Street - May 2013 - February 2014</u>

In this role I built fullstack a range of bespoke websites. Including oldmillgroup.co.uk, collierreading.co.uk and strodetheatre.org.uk. I also developed a 'guess-the-brand' promotional game for Pandora Dress Agency, which was available in both the App Store and Google Play.

Education

Exeter University, PGCE - 2005 - 2006
Dartington College of Arts, BA (Hons) Music Composition - 2002 - 2005