Jonathan Reading
Front-end web developer

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- I am passionate about bringing designs to life and providing users with engaging interactive experiences.
- 8 years experience working on award winning projects for high profile clients such as BBC, Channel 4, Channel 5, Film London.
- Specialising in front-end web solutions ranging from brochure sites to sophisticated web applications.
- Expertise in latest web technologies including HTML5, CSS3, LESS, SASS and OO Javascript, Grunt .
- Utilising methodologies such as 'Mobile first', 'Responsive development', 'Progressive enhancement' and 'Feature detection'.
- Experience transitioning from legacy code base to responsive code base.
- Expertise in sharing a single codebase between client and server.
- Streamlined workflow incorporating version control, unit testing (TDD), BDD, auto-generated documentation and automated builds.
- Producing modular reusable code, utilising design patterns.
- Adhering to W3C and Accessibility standards.
- Experience in rapid prototyping within an agile development environment .
- Proven track record in meeting tight deadlines within high pressure environments.
- Broad skill-set with experience using Nodejs, Javascript, PHP, Objective C, MySQL

Employment

Lead Frontend Developer
2013 – 2015
BBC Worldwide

http://www.bbc.com/capital
http://www.bbc.com/culture
http://www.bbc.com/earth/world
http://www.bbc.com/future
http://www.bbc.com/travel

My task at the BBC was to transition the BBC wwFeatures codebase build on PHP Forge to a new responsive framework. This framework supports BBC Capital, BBC Culture, BBC Earth, BBC Future, BBC Travel.
The application is developed using Nodejs / Javascript featuring a cutting edge client / server architecture. Developed using a mobile first approach and features a fully responsive design. Built with grunt and deployed on AWS in a continuous delivery cycle.
My role was to architect and implement the application while maintaining the old system during the transition. I worked closely with design teams to to prototype ideas as well as test the feasibility of designs. I liaised with the back end team to develop JSON end points and numerous other team with the BBC. The project was managed using Scrum methodology.

Lead Developer
2006 – 2012
KentLyons
http://www.kentlyons.com

I joined KentLyons straight from university as a creative developer. I soon developed a bespoke CMS which was used on all major project for clients such as the BBC, Channel 5, Film London as well as a transaction e-commerce module which has been used for over £ 2 million of transactions. Within 3 years I was leading the development team and incorporated sophisticated workflow such as continuous integration. I was constantly involved in R&D of web technologies and brought expertise and knowledge that were fundamental in winning multiple projects. I am strong team player and I always endeavoured to ensure an optimum UX by engaging with designers to ensure successful workable designs. I prepared technical approach documentation, planned application architectures and liaised with external technical teams from companies such as the BBC and Channel 4.

Education

BSC (Hons) Multimedia Technology
First Class
2003-2005
Nottingham Trent University

Recent Projects

BBC Features Glass Framework
Nodejs/Javascript responsive web application

http://www.bbc.com/capital
http://www.bbc.com/culture
http://www.bbc.com/earth/world
http://www.bbc.com/future
http://www.bbc.com/travel

- NodeJS / javascript responsive web application
- Agile rapid prototyping development environment
- Mobile first approach featuring core, responsive and fixed width experience based on feature detection
- Shared client / server architecture
- Integrated numerous micro services
- Fully automated build , deployed on AWS
- TDD using Mocha, Chai / Sinon and Karma
- BDD using Behat

BBC Radio IPlayer prototype
HTML5 mobile web application with native IOS wrapper

http://goo.gl/8KHVW

- OO javascript using bespoke framework
- Agile rapid prototyping development environment
- Flexible architecture
- Beta tested using Test-flight
- Liaised with design and technical teams within the BBC

Channel 4 Toyota Aygo
HTML5 web application

- OO javascript utilising Backbone MVC framework
- Facebook API integration
- Scalable architecture for high volume traffic
- Car design rendered in real-time with Canvas API
- Poly-fills for non-compatible browsers
- Unique car patterns approved by Channel 4 legal team

Happy face
Native IOS parenting app

http://goo.gl/wwAmL

- Winner of 2012 W3 Gold award
- Core data
- UIKit particle systems
- Box2D physics library

Technologies

Languages

- HTML5
- CSS3
- Javascript
- PHP
- MySQL
- Node.js
- Objective-C

Frameworks

- RequireJS
- JQuery
- Lodash
- Backbone
- LESS
- SASS
- Facebook API
- Codeigniter
- Zend
- Express
- Hogan

Software

- Grunt
- PhantomJS
- Karma
- Chai / sinon
- Mocha
- SVN
- Git
- Mercurial
- Jira
- Behat (BDD)

References

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Kentlyons

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Nottingham Trent University

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