

- I am passionate about bringing designs to life and providing users with engaging interactive experiences.
- 12 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 React, Redux, ES6 ,HTML5, CSS3, LESS, SASS
- 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 universal architecture sharing code 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, MongoDB, AWS

## Employment

Frontend Developer  
2018 - 2019  
Axate systems

<https://www.axate.com/>

Building a lightweight digital wallet payments system available on multiple publishers systems using Preact, Redux and RXJS.  
Secure, cross domain, user authentication using http cookies.  
Secure payments using Braintree.  
Integrated with REST API.  
TTD approach using JEST.  
UI Component Library using Stor book.  
Continuous delivery utilising GitHub Actions.

Frontend Developer  
2017- 2018  
Beamly

<https://www.beamly.com/>

Building reusable, configurable UI components using micro frameworks, vanilla javascript (ES6) ,SASS and moustache templates.  
Composing and Integrating the components to build new sites using Nodejs presentation layer.  
Writing content transformers to transform Drupal data object within a content pipeline.

Fullstack Devloper  
Call of the forest

<http://www.calloftheforest.com/>

Call of the Forest is a personal project to utilise and demonstrate cutting edge web technologies such as ES6, React, Redux,Webpack, CSS Modules, AWS, and Ansible.As well as express my personal interest in different aspects of conscious living.

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 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

### Axate

Digital wallet and user portal

- Peact UI
- Redux state container
- RXJS
- Jest
- CSS Modules
- Storybook
- Github actions
- Braintree Intergration

### Beamly

UI Components / Presentation layer

- NodeJS / javascript responsive web application
- Code reuse with sub class factories
- ES6
- Redux
- SASS
- BEM CSS
- Hogan / handlebar templates
- Gulp
- Drupal
- TDD
- GO continuous delivery

### Call of the Forest

React SPA responsive web application

<http://www.calloftheforest.com/>

- React UI
- Redux state container
- Universal Architecture, client / server rendering
- ES6
- CSS Modules
- REST API powered by MongoDB
- Twitter Bootstrap
- Stormpath User API
- Deployed on AWS using Vagrant and Ansible

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

## Technologies

### Languages

- HTML5
- CSS3
- Javascript
- ES6
- PHP
- MySQL
- Node.js
- Objective-C

### Frameworks

- React
- Redux
- CSS Modules
- Twitter Bootstrap
- Mongoose
- RequireJS
- JQuery
- Lodash
- Backbone
- LESS
- SASS
- Facebook API
- Express
- Hogan

### Software

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

## References

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