

Engaging in web development since 2008 with over 13+ years commercial experience working in fast paced digital agencies and an established broker. Serving as a Technical Team Lead for the past 3+ years leading a team of 12 encompassing front-end web, mobile & middleware building highly customisable trading platforms.

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Skills Profile

Languages: JavaScript, HTML5, XHTML 1.0 Strict, PHP, MySQL
CSS & Compilers: CSS 3, LESS, SASS
Frameworks / Libraries:
Ember.js (9 years), AngularJS (3 years), React.js, Backbone.js, Require.js, Modernizr, Bootstrap, jQuery, underscore.js, Codeigniter Optimizely, Sentry, Google Analytics, Adobe Analytics
Package Managers/Toolkits: Vite, Yarn, Grunt, Gulp, NPM, Bower
Testing: Mocha, Jasmine, QUnit, Sinon, Mirage, Lighthouse
API's: Facebook SDK, Google Maps, Youtube, Lightstreamer API

Qualifications

BSc, Multimedia Technology & Design With Professional Development

Brunel University - 2008 - 2012 (4 years)

Awarded Classification: 🎓 **First Class Honours**

Tools:

Jira, GitLab, Trello, Splunk, Sentry, Optimizely, Charles, Postman, VersionOne, BigAgile, Adobe Creative Suite, Git, SVN, Browserstack, Grafana, Google App Engine, Bamboo, Bitbucket, Tabnine

Commercial Experience



IG - (Financial brokerage)

Technical Team Lead (promoted)

01/12/2020 - current (3 years 4 months)

Technical Team Lead overseeing development of deal & order execution functionality encompassing front-end web, middleware & mobile core trading platforms managing a team of 12.

Projects:

- Launch of L2 Direct Market Access (DMA) dealing on trading platform
- Consumer duty deal ticket & setting improvements with A/B testing using Optimizely
- Delivery of warrants & constants markets for MTF accounts
- Feature development of full costs and charges on web & mobile for FCA regulatory compliance

IG - Senior Developer (promoted)

01/07/2017 - 01/12/2020 - (3 years 5 months)

Role responsibilities include JavaScript feature development of IG's core web trading platform and progressive web application.

Projects:

- Developed and released share dealing platform offering
- Feature development on investments smart portfolios platform offering
- Feature development of options markets on IG's progressive web app
- White label feature development on trading platform for support with third party clients
- Out of hours support to addressing critical incidents as well as in hours incident handling dealt with on a rotary basis by core developers

IG - Developer

01/02/2015 - 01/07/2017 - (2 years 7 months)

Feature development of new and existing web trading platforms.

Projects:

- Standalone JavaScript application development to manage client IPO subscriptions
- Standalone JavaScript application development to support client KYC onboarding requirements
- State handling for 30 day trading and pending clients within current web trading platform



Razorfish - (Interactive agency)

Creative Technologist

18/02/2013 - 18/01/2015 - 2 years

Responsibilities included rapid prototyping, UI development, JavaScript development for web applications and maintaining existing client projects.

Projects:

- Lead front-end development on large scale hotel booking web application for a venture capital startup company yonderbound (11 months). Developed using Angular.js, Require.js, jQuery, LESS, HTML5, CSS3, Bootstrap, Google Places API, JSON & FB SDK.
- Developed mobile & desktop online banking prototype for Lloyds Banking Group using Angular.js, JavaScript, SASS, HTML5, CSS3, Grunt.
- Rapid pitch development for Beats, Bottega Venetta, Britvic. Developed using Backbone.js, HTML5, CSS3 and Grunt.
- Web application development for award winning Unilever All Things Hair brand (allthingshair.com). Responsible for extending functionality, refactoring, debugging, performance optimisation. Developed using Ember.js, JavaScript, SASS, Jasmine, Karma and Grunt.
- Kiosk/desktop web application development Unilever Dice. Developed utilising Backbone.js, jQuery, localforage, HTML5, CSS3.
- Rapid prototyping for clients including Habitat & Home Retail Group using Google App Engine, JavaScript, HTML5, CSS3.



My Turn Digital - (Digital agency)

Web Designer & Front-End Developer

05/07/2010 - 06/07/2011 - 1 year

A digital media company specialising in design and build. Clients include: Paramount, Universal Studios, itv, Intel and many more.

Projects:

- Web design, animation for Paramount promotions: Megamind game, Dragons universe and Kung Fu Panda 2 microsites
- Front-end microsite development of microsites for Nickelodeon & Cartoon Network under Turner
- Web design and front-end development for inhouse & bespoke client CMS
- Front-end development functionality improvements for Kairo International, Casino Geezer and Ladbrokes
- Flash design, animation and front-end development for in-house projects

Freelance - Web Developer

26/07/2014 - 07/12/2014 - 5 months

- Responsive e-commerce conversion for mobile and tablet devices:
mercimamanboutique.com
- Back-end PHP scripting for order detail migration via Ometria platform API for providing targeted marketing campaigns, personalised messaging, and customer segmentation to optimise sales & retention

05/07/2012 - 06/10/2012 - 3 months

- Web design and development for rolflinglondon.co.uk, fineartconservation.co.uk
- Web design for e-commerce web application Nervous Wardrobe.

Completed Courses (32)

(frontend masters, coursera, lynda.com, codeschool, pluralsight)

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|--|---------------------------------------|
| Angular.js Fundamentals | Shaping up with Angular.js |
| Real-time Web with Node.js | Fire Up Ember.js |
| HTML5 Canvas Fundamentals | CSS3 from Scratch |
| JavaScript the Good Parts with Douglas Crockford | |
| Web Application Performance with Kyle Simpson | |
| Warming up with Ember.js | JavaScript Best Practices |
| JavaScript Design Patterns | Git Essential Training |
| Structuring JavaScript code | jQuery Essential Training |
| JavaScript Road Trip part 1, 2, 3 | Hands-On Introduction: React |
| Up and Running with Bootstrap | HTML Fundamentals |
| Responsive Design Fundamentals | HTML5 First look |
| Creating a Responsive Web Design | Shell scripting with bash |
| Responsive Design Workflows | Web Design Fundamentals |
| HTML5: Structure, Syntax and Semantics | Try jQuery |
| Testing Clientside JavaScript | Introduction to bash on mac and linux |
| D3.js Data Visualization Fundamentals | Hands-On Introduction: React |
| React Hooks | React: State Management |

Recreational Activities

- Trading & investing
- 3D printing & CNC machining for building UAV multicopters
- Custom Raspberry pi full node setups
- Photography

Current Core Toolbox

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| HTML5 | CSS3 | JavaScript | NPM | Yarn | Node.js |
| Ember.js | Babel.js | Optimizely | Sentry | SASS | |

Leadership

Developers & QA's line managed during career: 15

Developers recruited & onboarded: 13

Experience with team frameworks/methodologies:

Scrum (12 projects), Scrumban (10 projects),

Kanban (15 projects), Waterfall (13 projects)

Agile preference: Scrumban

Client Portfolio



Blockchain Experience

- Familiar with BTC L2's including RSK, lightning network & submarine swaps
- Built BTC & XMR custom full node setups
- Multichain DEX swaps & trading (on-chain & L2)
- Security key best practices & methods
- Experience with L1 & L2 NFT & address aliases
- Familiarity with staking, delegating & voting in non-custodial settings on various chains
- Experience setting up personal block explorers
- Experience with multisig & UTXO management

References

Available on request.