COLIN CLARK
SENIOR JAVASCRIPT ENGINEER
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PROFILE

A confident and conscientious **Senior JavaScript Engineer**. A team player with professional experience planning, developing and deploying internet projects both on time and to budget. Has a solid understanding of the project life-cycle and the different technologies that make up a solution. Has experience and dedication, with excellent client-facing, communication and organisational skills. Capable of taking responsibility and making decisions using own initiative. Has a keen interest in researching and learning about new technology and has **seven years commercial experience** in the IT industry. An enthusiastic individual with high morals and a good sense of humour.

TECH STACK

- Node.js with Express, Passport, Mongoose, Sequelize, Speakeasy, Helmet, Winston, etc.
- MongoDB (certified), MySQL / SQL
- AngularJS including Karma, Protractor, PhantomJS, Jasmine
- OOP JavaScript including CoffeeScript, ECMAScript 6, AJAX
- JQuery, HTML5, CSS3, responsive design, mobile first, D3 / Canvas
- npm / Gulp / Grunt / Git / Stash / Jenkins / Docker

CAREER HISTORY

Beyond Analysis, JavaScript Engineer January 2016 – April 2016

Successfully enhanced a service-oriented JavaScript full stack application which takes corporate big data and renders it using the HTML5 Canvas API, in a beautiful animated GUI. Node.js clustered servers utilize Supervisor to configure the application, with socket connections running communication between the micro-services themselves. The Sequelize ORM talks to an AWS PostgreSQL database, and the whole thing is compiled from CoffeeScript, and SASS for the styling. Personally introduced testing suites (Karma, Protractor, Jasmine), npm build scripts, and best practices for building new Canvas and D3 components, documentation and git flow whilst delivering to tight deadlines. Introduced Base32 two-step authentication using PassportJS and the Speakeasy npm module.

Sky, Osterley, JavaScript Engineer March 2015 – December 2015

Designed and developed a Node CMS using Angular on the front end. This application allowed editors to customize scheduling that was shown on the new Sky Q set-top box and online apps. Greenfield project that utilized Gulp for automated build and development tasks. Configured Jenkins to accept a packaged Docker container. Practised BDD with Jasmine tests on front and back end, and wrote numerous Protractor tests using Page Objects. CMS interfaced with a REST API.

Travel: South America, March 2013 – February 2015

Travelled with my girlfriend around South America. Swam in the Amazon, walked on a glacier, drove a 4x4 at 5000 meters, and climbed a smoking volcano.

Deutsche Bank, London, Front End Developer February 2012 – February 2013

Helped build a Node app that replaced a Symfony 2 website, which acted as an internal catalogue of technologies to affect good governance. Used HTML5 APIs such as Drag and Drop, Storage and Forms to build functionalities, and CSS3 for a responsive layout.

BskyB, Osterley, Front End Developer March 2008 – October 2011

Produced several social networking features within the BSkyB network including for Sky News, Sky Player, and Sky's home page. Worked within an AGILE team to develop multiple re-usable JS/AJAX components based around features such as blogs, forums, user profiles, comments, ratings and messaging. Adopted a TDD approach to all development. Senior front end role.

Various Front End Contracts, Cambridge & London, September 2006 – February 2008

- Built gaming widgets for the National Lottery website
- Worked on charity microsites for Oxfam and Children In Need
- Developed AAA accessible templates for the Royal National Institute For The Blind
- Made a responsive video on demand website for Sky