
Craig Cartmell

Contract Senior Full Stack Developer

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BACKGROUND

Experienced and highly motivated Senior Full Stack Developer with an impressive technical skill set and progression gained through working over 15 years in the industry, including at Saatchi & Saatchi and more recently for the World's leading Outdoor Advertising company, JCDecaux. Accustomed to establishing and developing solutions to completion within strict time constraints; energetic, relishes challenges and demonstrates in-depth analytical and strategic ability.

CAREER HIGHLIGHTS

- Played an integral role in helping build JCDecaux's Content Platform from an MVP to a fully fledged CMS. 93% of UK campaigns are now managed through the platform. It has also been adopted by business units within the US, Australia, Singapore and many parts of Europe
- Helped support JCDecaux global business units including running a workshop at JCDecaux New York headquarters
- Worked on a number of global client websites and internal systems at one of the World's leading Advertising Agencies, Saatchi & Saatchi
- Promoted to the role of Solutions Delivery Practitioner within Wescot Credit Services, reporting directly to the I.T. Director
- Migrated over 7 million customer accounts from a legacy system over to a SQL Server based system, including creating data migration solutions and replicating business processes
- Acquired invaluable commercial experience in: ASP.Net, VB.Net and Microsoft SQL Server (T-SQL, Stored Procedures, Views, and Functions)
- Gathered commercial experience in: SAP Business Objects Data Services (ETL), VB6, VBScript, MS Reporting Services, IIS and MS SSIS

SKILLS

Backend

PHP 7 and frameworks (Laravel 5), Node.JS and frameworks (Express), Databases (MySQL, PostgreSQL, MSSQL, Amazon Redshift), AWS (S3, EC2, RDS), APIs (REST, GraphQL)

Frontend

ES6 OO JavaScript/TypeScript, React (Next.JS)/React Native, Apollo Client, Redux (Sagas, Thunk), Vue.js, HTML5, CSS (Sass, Less, Tailwindcss, CSS Modules, BEM), Build Tools (Webpack, Grunt, Gulp, Laravel Mix)

Testing

TDD and BDD using a mixture of PHPUnit, Codeception, Mocha, Chai, Enzyme and Jest

Other Tools And Experience

- Agile
- Version Control (Git, Mercurial)
- Environments (OSX, Linux, Vagrant, Ubuntu)
- Web Servers (Apache, Nginx)
- Continuous Integration (Jenkins, Laravel Forge, Bitbucket Pipelines)
- Golang
- ASP.Net, VB.Net, C# and Microsoft SQL Server (T-SQL, Stored Procedures, Views, and Functions)
- SAP Business Objects Data Services (ETL), VB6, VBScript, MS Reporting Services, IIS and MS SSIS

EXPERIENCE

Dynamic - JCDecaux, London - *Senior Full Stack Developer (Contract to Permanent)*

FEBRUARY 2016 - FEBRUARY 2018

Dynamic is a global division of JCDecaux and provides JCDecaux's clients with the platform and technical expertise to deliver contextually aware advertising and innovative creative that is changing the way even the most simple of campaigns is designed and delivered.

Initially hired as a contractor to support the recently created MVP, I moved into a permanent role to help rebuild the content management system from the ground up. I was solely responsible for the initial front-end platform build including liaising with the UX designer, choosing the tech stack and creating the initial boilerplate. I built the application in React, using Redux to manage the state. The rest of my time was split creating the RESTful API using PHP 7 and Laravel 5.

I also worked on a number of other applications and microservices including:

- A real-time web dashboard showing campaign statistics and other analytics, created using Node.JS, Express, GraphQL, Apollo and PostgreSQL
- A Twitter firehose microservice to collect and store tweets from targeted hashtags and users, created using Node.JS and Express

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- A mobile app which allows users to moderate content to be displayed on out of home screens worldwide, built in React Native
 - A player application to handle the display of content on out of home screens, created using TypeScript
 - A cross-platform client written in Go to fetch the latest ad content to show on out of home screens

After we launched the new version of the app, my role switched to working on new feature requests and bug fixing as well as prototyping. I also helped with the recruitment process of both contract and permanent developers and organised task assignments alongside the Product Manager.

Another key aspect of my role was to offer support to global business units, including running a workshop in our New York headquarters.

KHWS - The Brand Agency, London - *Frontend Developer (Contract)*

JANUARY 2016 - FEBRUARY 2016

As the sole frontend developer, my role was to create a new Self Assessment Platform for ExxonMobil Sales Employees. The tool helps employees measure their own performance as well as allowing managers and directors to view the statistical data using charts and graphs.

Throughout the project, I participated in daily stand-ups with the key stakeholders and worked closely with the backend developer and designers.

The application was built using modern frontend design patterns and technologies including Sass, BEM, OO JavaScript and Grunt.

Easyodds.com, London - *Backend Developer (Contract)*

AUGUST 2015 - OCTOBER 2015

Given the role of helping to migrate a Drupal based website to a brand new Laravel based application, I helped build an API for use by Web, Mobile, Android and iOS platforms.

Tasks included refactoring existing functionality, creating a cross-platform authentication system, database design and optimisation as well as front-end work.

The new API was secured using JSON Web Token (JWT) best practises and built for PHP 5.6.

Saatchi & Saatchi, London - *Backend Developer (Permanent)*

NOVEMBER 2014 - AUGUST 2015

Working closely with fellow developers and key stakeholders, I worked on a variety of global client websites, building APIs to integrate with the frontend development. Some of my portfolio included:

- F.R.H.A.N.K. – Mattessons Fridge Raiders (<http://www.frhank.com>)
- Saatchi & Saatchi Global (<http://www.saatchi.com>)
- EE Rewards Hub (<http://shop.ee.co.uk/campaigns/dan-and-phil-hub>)
- Anchor Dairy (<http://www.anchor dairy.co.uk/>)
- Arla Farmers (<https://farmer.arla.com>)
- Arla Cravendale (<http://www.cravendale.co.uk/>)
- Saint Premium Light Lager (<http://www.enjoysaint.uk/>)

Other tasks comprised of building brand new internal systems such as a bespoke client billing platform, a digital display system, a social video upload facility and a timesheet management tool.

These were built to an extremely high standard using a variety of the latest technologies including Laravel 5, React, Backbone and OO JavaScript.

Victoria Plum, Hull - *Backend Developer (Permanent)*

OCTOBER 2013 - NOVEMBER 2014

Wescot Credit Services, Hull - *Data Entry Clerk, Junior I.S Analyst Programmer, Senior Solutions Delivery Practitioner (Permanent)*

NOVEMBER 2002 - OCTOBER 2013

EDUCATION

Wolfreton School, Hull - *7 GCSEs*

1996 - 2001

