

Joseph Case

Via Gerolamo Rovetta 6, 20127, Milan, Italy
Tel. +447837135955 • email: joseph.case@hotmail.co.uk
Date of birth: 08-09-1988

Portfolio: <http://portfolio.josephcase.net>

A bright, well-rounded and enthusiastic Full-Stack Developer with nearly 5 years professional experience; relishes new challenges, learning through work and personal study and creating high quality, well coded applications. Understands the importance of writing *lean*, scalable and easy-to-maintain code.

Key Skills and Experience

- Considerable front-end **Javascript** experience, with a thorough understanding of DOM behaviour. Has created numerous **SPAs** with complex user interactions, animations and canvas components.
- Substantial experience building **Node** applications, uses the latest best practices (**ES6**, **Promises**, **Async Await**) to build clean, scalable applications.
- Excellent knowledge of **React** and **Redux**, having solely developed two **React/Redux** single page applications (www.giusypirrotta.com, www.cleverttech.biz) using **React Router** and **SSR**.
- Greatly improved the efficiency of the development team by building a development tool in **PHP**, that converts PSDs into, and enables to editing of, fully responsive, full-page **HTML** ad templates ([portfolio#adBuilder](#)).
- Built from scratch a custom-made **Node/mysql** CMS application for a client website, which allows the user to create new pages and uses **npm ImageMagick** and **Ffmpeg** wrappers to save optimised versions of uploaded image and video content ([portfolio#artistPortfolio](#)).
- Great understanding and experience in the use of both relational (**SQL**, **mysql**, **Oracle SQL**) and non-relational (**MongoDB**) databases.
- Expertise in delivering elegant responsive, cross browser/device compatible websites, that can adapt to dynamic content, using well structured, modularised **HTML** and **CSS**.
- Good functionality capability with **Linux** and **Bash** having worked daily within a **Linux VM** development environment, setting up projects and resolving system issues.
- Good experience with **Docker** and **Docker Compose** and their use as part of the development process.
- Good understanding of **Test Driven Development** and experience writing **Unit** and **End-to-End Tests**.
- Great interpersonal skills. Enjoys the discussion of best approaches and practices to technical problems and working within an **Agile** environment.

Employment

Cleverttech, New York (Remote) – Full Stack Developer

Feb 2018 – Jul 2018

- **React, Redux, Node, SCSS, Docker, MongoDB, GoogleAnalytics, Jenkins, Babel, KeystoneCMS.**
- Worked remotely to single-handedly develop the new company website (www.cleverttech.biz), taking responsibility for project architecture, scheduling workload, liaising with DevOps and managing the expectations of project managers.
- Project consists of two applications;
 - **React/Redux** SPA acting as the client facing website, with a simple **Node** backend handling SEO-friendly SSR and the sending of submitted form data via email using **Nodemailer**.
 - A headless **Node** CMS which uses **Keystone** and **MongoDB** to store user created content, gets and caches data from other APIs and the exposes its data using RESTful API endpoints.
- Set-up and maintained my own **Ubuntu** Virtual Machine and developed within a **Docker** containers using **Docker Compose** to maintain consistency with the production environment.
- Created modular, easy-to-maintain **CSS** by using component level style sheets with **SCSS** variables and inheritance along with generic *Styling Components*.
- Accurately replicated designs from **Webflow** and coordinated with designers to resolve ambiguities.

www.giusypirrotta.com – Freelance ([portfolio#artistPortfolio](#))

Nov 2017 – Jan 2018

- **Node, React, Redux, React Router, mySQL, AWS EC2, CSS, JS (ES6), JWT, Babel, React Scripts.**
- Solely developed an artist portfolio website with a custom CMS consisting of 3 projects hosted on an **EC2** instance; a **Node REST API** ([github](#)) acting as a data layer over a **mySQL** database and image/video content, a **Node CMS** ([github](#)) and a **React/Redux/React Router** SPA website ([github](#)).
- CMS application streams uploaded images to the API which asynchronously saves them at different sizes using an **npm ImageMagick** wrapper, enabling the website to request optimised images based on the physical width of the element on screen.
- Created smooth 'app-like' single page application user experience - the website app pre-requests all data needed for the user journey from the API and caches on the server. On request it then uses this to create a **Redux** store, renders on the server and then on the client uses **React-Router** to navigate by dispatching and then reading from the store, without the need to make further server requests.

Jobsite (StepstoneUK), London – Front End Developer

Nov 2016 – Oct 2017

- **Node, Perl, Linux, React, CSS, JS, C#, RabbitMQ, Docker, GoogleAnalytics, Jenkins, Octopus, Gulp, Photoshop.**
- Greatly improved the user experience for niche sites by playing key role in making them responsive and modernising their designs - personally responsible for new homepages ([Cityjobs](#), [JustEngineers](#)).
- Improved the search accuracy and speed for niche sites by implementing a **Node** search engine which uses the group's **Elasticsearch** index.
- Contributed to the data migration of jobs to TotalJobs platform using microservice pipeline.
- Wrote and extended tests for **Node** using **Mocha, Chai, Sinon** and **Supertest**.
- Worked within a continuous integration environment using **Jenkins, Octopus** and **Dockerised** apps.

Bluequest, London – Senior Developer

Jul 2015 – Oct 2016

- **PHP, HTML, CSS, JavaScript, JQuery, Photoshop, Coffee, Sass, AS3 and Git.**
- Greatly improved productivity of the development team and enabled the company to make considerable financial savings, by developing an in-house **PHP** based ad-building tool, that converts layered PSDs into fully responsive, cross device **HTML** advertisements. ([portfolio#adBuilder](#)).
- After just 7 months was entrusted with leading the development team; to make key decisions, schedule work and resolve critical technical issues.
- Improved developer productivity by developing a library of sophisticated, reusable **HTML5 canvas** components that handle complex animations and user interactions.

Bluequest, London – Software Developer

Jan 2015 – Jul 2015

Intuitive Systems, London – Software Developer

Sep 2013 – Dec 2014

- **VB.NET, ASP.NET, XML, XSLT, SQL, JSON, JavaScript and JQuery.**
- Took the lead in the successful delivery of a new client travel website ([Classic Collection](#)).

Dovetail Services, Kent – Customer Service Advisor

2011 – 2013

Education

University of Manchester – BEng (Hons) Civil Engineering (2.2)

2008 – 2011

Borden Grammar School

2001 – 2008

- A-Levels: Maths (A), Further Maths (B), Physics (B) and Biology (C).

Other

Spoken languages:

English (mother-tongue), **Italian** (pre-intermediate).

Interests:

Music, language and culture, classical guitar, sport and travel.