

John Marsden Full Stack Developer

After a decade of programming machines and robots for the architectural and engineering manufacturing sectors, I grew curious as to other forms of coding. So at the start of this year I attended a full stack web development bootcamp at Le Wagon London to learn how to code.

Now armed with an extensive understanding of web development using frameworks and having a problem solving yet creative and innovative mindset, I am able to deliver elegant and user-centric solutions effectively and efficiently.

Education

Le Wagon - Full Stack Web Development Bootcamp

London | Jan '20 - Mar '20

Full-stack web development bootcamp covering a Rails MVC framework comprising Ruby, Rails, JavaScript ES6, SQL/PostgreSQL, HTML5 and SCSS/CSS as well as product management.

Arts University Bournemouth

Bournemouth | Sep '08 - Jul '11

BA (Hons) Modelmaking

Projects

[Blanck Mass](#)

Website for a musician who wanted to expand his online presence and have more freedom on the content he posted than was available with his previous host. Built on a **Rails** framework with a backdoor admin page so the user can post custom content and media using a **WYSIWYG** editor, these posts are then saved in a **PostgreSQL** database,

[Playlistify](#)

A Spotify playlist app built while learning **React** which allows users to search for tracks and save newly created playlists. The app uses an **OAuth 2.0 implicit grant flow** to allow the user to save playlists to their Spotify account and both searching and saving are handled by **RESTful API** requests.

[Tracked](#)

A two week bootcamp project which allows users to track multiple deliveries and see their overall delivery data in one place. This website has a strong emphasis on **RESTful API** requests along with an intuitive user journey and was built on a **Rails** framework with **PostgreSQL**, **JavaScript ES6**, **HTML5** and **SCSS**. Working and managing a team of four meant versioning and product management was vital and achieved with **GitHub** and Trello.

Employment

CNC Programmer and Operator

Chanel | Oct '19 - Dec '19

- Working within the manufacturing team to programme and operate the in-house CNCs

5 Axis CNC Programmer and Application Engineer

Attewell | Aug '18 - Sept '19

- Worked with high profile clients such as Airbus and Boeing
- Responsible for programming the four in-house 5 axis CNCs and managing the workflow and trailing of new jobs
- Adhering to 5S lean manufacturing

CNC Programmer and CAD Engineer

Foster + Partners | Nov '13 - Jul '18

- Helped grow the workshops CNC capacity and brought over 90% of jobs in-house
- Worked alongside the workshop assisting in CAD/CAM/3D printing
- Responsible for overseeing the production line and the three in-house CNCs and Kuka robot

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Languages

- Ruby
- Rails
- JavaScript ES6
- React
- HTML5
- CSS/SCSS
- SQL/PostgreSQL

Technical Skills

- OOP concepts
- TDD workflow
- RESTful APIs
- MVC structures
- Github collaboration
- UI/UX
- Heroku

Interests

- Photography
- Travelling
- Cinema
- Design
- Art
- Hiking
- Cooking