

# John Maltby

## Junior Software Engineer

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🔗 <https://github.com/JMaltby19>

### Skills

#### HTML5

*Semantically correct for accessibility and SEO.*

#### CSS 3

*Responsive design, Flexbox & CSS Grid, pre-processors (SASS), and CSS frameworks.*

#### JavaScript

*ES6+, AJAX & API's - REST and GraphQL, Animation (Greensock & Three.js), Graphing (d3.js)*

#### React

*hooks, context, Material UI, Next.js.*

#### Testing

*TypeScript, Cypress, Jest*

#### Node.js

*Vanilla & Express.*

#### Databases

*SQL - Postgres, NoSQL - MongoDB with Mongoose.js, Redis, Firebase.*

#### DevOps

*Docker & Kubernetes, Heroku (inc. pipelines), serverless (inc. Netlify).*

### Profile

Actively seeking a Junior Software Engineer position. A graduate of The Jump Digital School with experience in software engineering, looking to utilise my skills and passion for web development to contribute to a team and create innovative, user-friendly websites and applications.

### Projects

#### Netflix Clone [🔗](#)

*React | Hooks | JavaScript | NodeJS | Express | MySQL | RESTful | SASS*

This is my version of Netflix. Users can sign up and create an account using node and express. These accounts are stored in a SQL database. Once logged in, you can browse movies and series, saving your favourites to your watchlist. You can also modify your user credentials.

#### Ticket System [🔗](#)

*React | Hooks | Redux Toolkit | JavaScript | NodeJS | Express | MySQL | TailwindCSS*

This is a generic ticket system. Users can create a profile, create tickets and add notes to get feedback, for example with an Operator. Also using Redux Toolkit for state management, a MySQL database and TailwindCSS for styling. I also used Vite to create the frontend.

#### Dev-Link [🔗](#)

*TypeScript | React | Hooks | Redux | JavaScript | NodeJS | Express | MongoDB | TailwindCSS*

Dev-Link is a site where developers can create a profile with their specific tech skills and Github Repo's. My first application using TypeScript, there has been a fair amount to learn and I am only scratching the surface. Also uses Redux, MongoDB and TailwindCSS for styling.

#### Weather App [🔗](#)

*React | Hooks | JavaScript*

This Weather app used the Open Weather API. This was one of my first projects to use React. A simple app which displays the user's current weather and the weeks forecast

#### Speed Typing Game [🔗](#)

*React | Hooks | JavaScript*

The speed typing game will count the amount of words typed within a set time.

## Education

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### **Full-Stack Software Engineering,**

*The Jump Digital School*

08/2021 – 04/2022

- A 30-week programme of Full-Stack Software Engineering Training which has enabled me to develop and deploy full-stack websites and web applications to a professional standard.
- Delivered individual and team projects, remotely, including participating in a hackathon

### **BTEC Level 3 Electrical & Electronic Engineering,** *Central Sussex College*

09/2012 – 05/2014

### **Foundation Engineering,** *Coventry University*

- Engineering Mathematics, Engineering Science, Mechanical Engineering and Electrical Engineering.

## Professional Experience

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### **Technical Services Account Manager,**

*Christeyns UK*

05/2014 – present

- Technical Services Account Manager for a market leading Chemical Manufacturer
- Establishing and developing profitable relationships with customers and partnering to deliver tailored solutions
- Continuously exceed sales targets with a combination of servicing, optimisation & efficiency
- Programming various industrial machinery and training customers on its application
- Analysing data to identify opportunities to drive efficiency

### **Pilot Plant Technician,**

*Leatherhead Food Research*

08/2013 – 05/2014

- Pilot Plant Technician responsible for maintaining, servicing and preparing all plant equipment
- Assisting senior staff with Pilot Plant processing trials and bench-scale product development

### **Technical Production Engineer,**

*Bedfont Scientific*

02/2011 – 08/2013

- Technical Production Engineer specialising in the calibration, testing and servicing of exhaled breath and gas monitoring equipment.
- Worked with R&D on future projects and trained UK and international clients on the products