John Maltby

Junior Software Engineer

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LinkedIn

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Developer Portfolio: https://john-maltby.co.uk/

GitHub: https://github.com/JMaltby19

SUMMARY

I am a Junior Software Developer with a strong background in software engineering, applying my skills and passion for web development. My focus is on creating innovative, user-friendly websites and applications, leveraging my experience to deliver impactful digital solutions in a collaborative team environment.

SOFTWARE ENGINEERING 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) & Realtime (websockets and socket.io), Webpack, OAuth.
- **React:** hooks, context, Material UI, Next.js, Tailwind CSS.
- **Testing:** TypeScript, Cypress, Jest
- **Node.js:** Vanilla & Express.
- **Databases:** SQL - Postgres, NoSQL - MongoDB with Mongoose.js, Redis.

PROJECTS

Store:
React | Hooks | Redux | JavaScript | NodeJS | Express | MySQL | TailwindCSS
- This Store app is a demonstration of a storefront/product catalogue built using React and styled with Tailwind CSS. It leverages the Redux Toolkit for efficient state management. On the backend, it runs on a Node.js Express server, utilising a MySQL database for data storage. This setup showcases a full-stack development approach with modern web technologies.

Ticket-System:
React | Hooks | Redux | 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 beena fair amount to learn and I am only scratching the surface. Also uses Redux, MongoDb and TailwindCSS for styling.

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.

EDUCATION

The Jump Digital School   *Aug 2021 - Apr 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

Central Sussex College

- BTEC Level 3 Electrical / Electronic Engineering - MM

Coventry University

- Engineering Foundation including modules on Engineering Mathematics, Engineering Science, Mechanical Engineering and Electrical Engineering.

PROFESSIONAL EXPERIENCE

Christeyns UK Ltd   *May 2014 - present*

- Achieved and surpassed sales targets by providing customised technical solutions
- Built long lasting relationships and partnerships by providing consistent value
- Install, program and commission new site installations and upgrades, including our Management Information System, advanced Dosing systems and Industrial machinery
- Onboard and trained customers on new software and systems. Guided them through initial setup to ensure smooth transition as well as being primary point of contact for any inquiries or issues
- Developed and maintained Power BI dashboards to analyse customer data, identifying critical insights for business optimisation.
- Worked with sites to monitor and achieve Water & Energy savings, whilst improving quality and productivity

Leatherhead Food Research   *Aug 2013 - May 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

Bedfont Scientific Ltd   *Feb 2011 - Aug 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

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ADDITIONAL INFORMATION

- I have the right to work in the UK
- Immediately available for interview