

# Joshua Dixon

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## Personal Profile:

A dedicated fullstack developer with extensive experience gained from working with a diverse range of clients. I specialise in transforming clients ideas into polished and professional products, inline with business goals and an emphasis on accessibility. Proficient in TypeScript, JavaScript, React, HTML, and CSS, with practical experience in building and integrating APIs, making API calls, and leveraging tools like AWS, SQL, Tailwind, and Express.js. Skilled in unit testing with tools such as Cypress to ensure robust and reliable code.

## Career History:

**Full Stack Developer & Accessibility Specialist.**      **Tech For Better, London.**      **2024/Present**

### Duties:

- Developed responsive, interactive web applications to enhance user experience.
- Collaborated with the product owners in regular meetings to discuss and plan project requirements.
- Translate those requirements into polished products that meet WCAG 2.2 AA.
- Managed version control and team collaboration using GitHub, with clear and descriptive pull requests.
- Applied problem-solving skills to troubleshoot technical issues, ensuring a seamless workflow.
- Analysed complex problems and devised effective, efficient solutions.
- Conducted accessibility evaluations, auditing apps for usability by individuals with disabilities.

**Studio Technician/Manager.**      **Centre Mass Studios, London.**      **2016/2023**

### Duties:

- Translate client's ideas and concepts into polished, professional-quality productions.
- Cultivated strong relationships with clients, providing excellent customer service and addressing their needs.
- Utilised problem-solving skills to troubleshoot technical issues and ensure smooth workflow during sessions.
- Developed and executed comprehensive social media marketing campaigns.

## Professional Training and Education:

- **Software Development Bootcamp.** Founders And Coders - 2024
- **Introduction to Computer Science.** Harvard CS50 - 2023.
- **Bachelor's Degree in Sound Engineering.** Solent University - 2011/2014

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## Projects:

### **Font Hill Records (E-commerce Platform) - Fullstack Developer**

<http://fonthillrecords.s3-website.eu-west-2.amazonaws.com>

Developed a full-stack vinyl e-commerce site using React, TypeScript, and Supabase for data management. Built key frontend features like filtering and sorting controls and implemented product-fetching functionality. Deployed the application with AWS, utilizing S3 and EC2.

### **Inside My CLOset (In Development) - Fullstack Developer**

<https://github.com/fac30/inside-my-closet>

Developed a chatbot integrating OpenAI and Eventbrite APIs to handle user queries on sustainability and local events. Built with C# and .NET for the backend and React for the frontend.

### **Things We Do (In Development) - Accessibility Tester**

<https://github.com/fac30/things-we-do>

Performed frequent accessibility tests and delivered detailed audits to guide the team in developing the app in compliance with WCAG standards and accessibility laws.