

# Jake Newbury

## WEB DEVELOPER

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Web developer with four years of experience building and maintaining websites and web applications for agencies and in-house teams. Currently working at a digital agency delivering sites for public sector and charity clients. Comfortable across the full stack — from CMS templating and responsive CSS through to Node.js APIs and database queries.

## EXPERIENCE

### Web Developer, Box UK, Cardiff

Sep 2022 – Present

Full-stack web development for agency clients including public sector bodies, charities, and higher education institutions.

- Built the new **Natural Resources Wales** website on Next.js and a headless CMS — 1.2 million monthly visitors, fully bilingual (English/Welsh)
- Delivered **8 client projects** over 18 months, all on time and within budget
- Improved Core Web Vitals scores to **"Good" on all 3 metrics** for 5 client sites — average LCP dropped from 4.1s to 1.6s
- Set up automated accessibility testing with axe-core in CI — caught **92 WCAG violations** before launch across 3 projects

### Junior Web Developer, York Recruitment, Cardiff

Jan 2021 – Aug 2022

In-house developer maintaining and improving the recruitment company's web platform and internal tools.

- Rebuilt the company website from WordPress to **Next.js + Sanity CMS** — page load time improved from 5.8s to 1.9s
- Built a candidate portal in **React and Express** used by 4,200 active candidates to track applications and upload documents
- Integrated the website with Bullhorn ATS via API, syncing **1,800 live job listings** in real time

### Web Development Intern, Wales Online (Reach plc), Cardiff

Jun 2020 – Dec 2020

Six-month placement working on the editorial tools and front-end templates for Wales's largest news website.

- Built 4 article page templates optimised for **ad viewability and Core Web Vitals**
- Fixed **38 front-end bugs** across the article, homepage, and section page templates

## EDUCATION

### BSc (Hons) in Computer Science, Cardiff University, Cardiff

Sep 2017 – Jun 2021

Upper Second Class Honours (2:1). Final year project on *progressive web app performance on low-end mobile devices*.

## SKILLS

JavaScript & TypeScript • React & Next.js • Node.js & Express • HTML5 & CSS3 (Tailwind, SCSS) • WordPress & Headless CMS (Sanity, Strapi) • PostgreSQL & MongoDB • Git & GitHub Actions • Web Accessibility (WCAG 2.1) • SEO & Core Web Vitals • Responsive Design & Cross-Browser Testing

## CERTIFICATIONS

### Meta Front-End Developer Professional Certificate, Meta (via Coursera)

Mar 2022

### Google Analytics Individual Qualification, Google

Jan 2023 – Jan 2025

## LANGUAGES

English (native) • Welsh (basic)

## PROJECTS

### Natural Resources Wales Website – Box UK

Feb 2023 – Nov 2023

Built the new bilingual website for the Welsh Government's environmental body.

- Fully bilingual English/Welsh site with **1.2 million monthly visitors**
- Built on **Next.js with ISR** and a headless CMS — content editors can publish in both languages independently
- Achieved **WCAG AA compliance** across all 240 page templates — audited by an external accessibility consultancy

### Candidate Portal – York Recruitment

Jun 2021 – Mar 2022

Designed and built a self-service portal for job candidates.

- Used by **4,200 active candidates** to manage applications, upload CVs, and track interview stages
- Integrated with **Bullhorn ATS API** for real-time application status syncing
- Reduced admin team's manual candidate queries by **40%**

## REFERENCES

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### **Gareth Hughes**

Technical Director, Box UK

gareth.hughes@boxuk.com, +44 7700 900 318

### **Rachel Edmunds**

Head of Digital, Yolk Recruitment

rachel.edmunds@yolkrecruitment.com, +44 7700 900 429

## EXTRA CURRICULAR ACTIVITY

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### **Volunteer – Codio Cardiff**

*Mar 2022*

Volunteer at community coding workshops held monthly in Cardiff Central Library. Help adults with no tech background learn HTML, CSS, and basic JavaScript.

### **Contributor – Welsh Language Tech Community**

*Jun 2023*

Contribute to open-source Welsh language tools. Helped translate developer documentation for MDN Web Docs into Welsh as part of a community localisation project.