Dean Waring

Python & Web Developer

UK-based • contact@deanwaring.co.uk • deanwaring.com • LinkedIn • GitHub

PROFILE

Python and web developer with practical experience designing, developing and publishing web and mobile applications. My work spans Python, JavaScript, React, Next.js, Node.js, SQL, data processing, automation and AWS.

I enjoy taking a complex problem, understanding what is actually required and building a practical solution. My recent work has focused particularly on accessibility, education, data and applications designed around real-world users.

TECHNICAL SKILLS

Programming	Web Development	Data & Cloud
Python	React	Pandas / NumPy
JavaScript	Next.js / Vite	Matplotlib
HTML5 / CSS3	REST APIs	CSV / JSON
SQL	Responsive design	AWS S3 / Lambda / DynamoDB
Node.js / Express.js	Accessibility / WCAG	CloudFront / Route 53

SELECTED PROJECTS

WheelchairRacer.com

Live accessibility platform analysing Parkrun routes and events for wheelchair users. Designed, developed and maintained the application and supporting data-processing systems. Current development includes LiDAR and route analysis to provide more detailed accessibility information.

GCSE FastTrack

Educational platform providing structured GCSE learning and revision resources. Built as an accessible, straightforward learning environment and currently being expanded into a broader application.

DayForge

Scheduling and productivity application designed to help users organise tasks, routines and daily planning. Built with React Native and Expo with local data storage.

AccessStart

Accessibility-focused project exploring event information and route data to help users and organisers make better-informed decisions about accessibility.

TECHNOLOGY

Python • JavaScript • HTML • CSS • React • Next.js • SQL • AWS • Git • GitHub • SQLite • REST APIs

PROFESSIONAL EXPERIENCE

Student / Software Developer

September 2023 – Present

- Studying Computing & Information Technology with the Open University.
- Designing, building and publishing web and mobile applications.
- Developing accessibility-focused software used by real users.
- Building practical experience through independent projects, technical study and continuous development.
- Working independently through the full development process from research and planning through implementation and testing.

Small Business Owner – Light Imaginations

April 2021 – September 2023

- Designed and managed an e-commerce website for custom sportswear.
- Developed custom Garmin applications for sports clubs, achieving several thousand downloads and an average 4.7/5 rating.
- Managed customer enquiries, suppliers, stock, sales data, invoicing and day-to-day business administration.
- Handled budgeting, pricing and supplier relationships.

Foster Carer

June 2016 – April 2021

- Supported children and families through challenging circumstances.
- Worked alongside social workers and partner agencies while following required policies and procedures.
- Maintained accurate confidential records and developed strong organisational and communication skills.

Probation Hostel Officer – National Offender Management Service

February 2005 – September 2016

- Prepared professional reports for courts and partner agencies.
- Worked with people released from custody and managed sensitive situations calmly and professionally.
- Maintained strict confidentiality and accurate records.

QUALIFICATIONS & TRAINING

- **AWS Certified Cloud Practitioner**
- **Open University** — Computing & Information Technology (current)
- **HarvardX CS50** — Introduction to Computer Science
- **HarvardX CS50** — Introduction to Databases with SQL
- **edX / Skills for Life** — Front-End Web Development Bootcamp
- **Le Wagon** — Data Analytics Bootcamp
- **IBM** — Web Development with HTML5, CSS3 & JavaScript

WORKING APPROACH

Comfortable working independently on clearly defined technical problems, researching unfamiliar areas and learning what is needed to complete a task. Particular interests include small development projects, data processing, automation, website improvements, testing and accessibility.

ONLINE

Portfolio: deanwaring.com
LinkedIn: linkedin.com/in/deanwaring/
GitHub: Available via portfolio

This public CV intentionally excludes private contact and personal information beyond what is useful for professional enquiries.