

Kimberley Dobney

FULL STACK DEVELOPER

Full-stack developer with a design background and strong JavaScript skills. I specialise in frontend work building responsive, accessible UIs, but also contribute across the stack, from RESTful APIs to CI/CD and infrastructure. I've delivered full features end-to-end in JavaScript, React and PHP environments, and I'm comfortable working cross-functionally with designers and stakeholders to bring ideas to production. I'm experienced with tools like GitHub Actions, Cypress, and Docker, and I care deeply about clean design, maintainable code, and a smooth developer experience.

Full Stack Developer

Novara Media

October 2024 - Present

- Sole developer supporting the team with tech issues and feature development in JavaScript and PHP across WordPress and a custom Meteor (JS) donations app.
- Built responsive WordPress pages and banners from Figma designs using PHP and Stylus on a custom theme.
- Maintained and improved build and testing workflows with GitHub Actions, Cypress, and Webpack.
- Managed domains, redirects, and security using Cloudflare.
- Implemented Google Tag Manager and Google Analytics.
- Maintained backend infrastructure and deployments on Ubuntu servers with Nginx.
- Updated CI/CD pipelines and added versioning for our Stylus library.

Front End Developer

Dr Martens

June 2024 - September 2024

- Built and optimised site features using JavaScript and jQuery.
- Set up and ran CRO experiments with Monetate to enhance site performance and conversion rates.
- Set up A/B tests and personalisations
- Worked with UX designer to implement responsive designs (figma)
- Integrated dynamic using RESTful APIs.

Lead Instructor

Code First Girls

May 2024 - July 2024

- Taught the Full Stack Web Dev Accelerator Program to 26 students.
- Assessed both group projects and individual exams.
- Modules taught include HTML, CSS, JavaScript, React (Lifecycle methods, Hooks, Routing), APIs, Redux, Typescript and Testing.

UX Engineer & Creative Technologist

Dyson

March 2022 - Feb 2024

- Built responsive embedded systems with PHP, Python, C++, using Arduino and Raspberry Pi, and implemented protocols like SSH, Bluetooth, and MQTT.
- Developed web apps using React JS, TypeScript, HTML, CSS, and Framer.
- Automated prototype development and monitored fleets with Balena.
- Created and led a coding training program for designers.
- Remotely debugged systems for international teams.
- Collaborated with designers to refine UI/UX.



Brand Developer

WASE

August 2020 - July 2021

- Collaborated with external developers to edit components and build the WordPress website.
- Redesigned the internal and external brand presence using Adobe Creative Cloud, which is still in use today.
- Liaised with stakeholders and trained employees on implementing the new brand package.

Co-founder

Turn and Flow

August 2019 - November 2021

- Designed a product-service system to integrate menstrual waste into mainstream composting.
- Developed branding, social presence, and video content using Adobe Creative Cloud and Figma, along with custom coding for the Squarespace website.
- Successfully raised £23k for a study at Cranfield University through grant schemes and crowdfunding.

Related Experience

- Freelance Development 2024:
 - Built a web project for a local tattoo artist using P5.js, Node.js, Express, and SASS, integrating third-party APIs from Calendly and Stripe.
 - Developed a web app to select nature cards using P5.js and JavaScript, hosted on GitHub.
- Participated in the SOFTER Digital Futures Festival and think tank in Copenhagen.
- Attended Peckham Digital to explore diverse working practices and improve code-design collaboration.
- Contributed to an 8-hour Hackathon at Dyson, creating a React Mood Tracking App.
- Delivered workshops to Year 8 students as part of the James Dyson Foundation.

Education

Full Stack Software Development

iO Academy

A four-month intensive Bootcamp in full-stack software development.

Product Design Engineering

Brunel University London (2:1)

A three-year degree with one year model making placement.

Professional Achievements

Certified Scrum Master 2021 - Scrum Alliance

Oatly Je Ne Sais Quis Award - Turn and Flow 2020

D&AD side-hustle awards finalist - For Turn and Flow's creative direction and branding

