

Katie Cox

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PERSONAL STATEMENT

Detail-oriented and **adaptable** frontend developer with a background in fullstack delivery and a focus on scalable UI systems. Skilled in **React**, **JavaScript**, **TypeScript** and **RESTful APIs**, with a strong emphasis on accessibility, responsive design, and performance. Experienced in **Agile** environments, testing practices, and **CI/CD** tooling. Currently building Domi in **Flutter** and Noto in **React**, combining clean, component-based architecture with purposeful UX. Seeking a frontend role where I can contribute, learn and help build engaging user experiences.

KEY SKILLS

UI Development | Responsive Design | Accessibility (a11y) | API Integration | Agile | CMS Integration

TECHNICAL SKILLS

- **Languages and Frameworks:** JavaScript (ES6+) | React | TypeScript | HTML5 | CSS3 | Flutter (Dart) | Tailwind | Bootstrap | Python
- **Tools and Platforms:** Git | Figma | Bitbucket | Jenkins | VS Code | SOAPUI | Postman | Bruno | Splunk | Kubernetes | pgAdmin4 | Jira | Confluence | Docker | Cypress | Jest | GraphQL | Vercel
- **Cloud and Systems:** AWS (EC2) | PostgreSQL | MSSQL | Linux | Windows Server | Azure

PROFESSIONAL EXPERIENCE

DELIVERY ANALYST / GRADUATE SOFTWARE ENGINEER (Sep 2022 - May 2025)

Experian

Completed Experian's graduate scheme and promoted into a permanent Delivery Analyst role within an **Agile** team. Worked on cloud migrations and full **SDLC** for major UK credit providers in telecoms and banking using Experian proprietary software like PowerCurve Originations (component-based, full-stack software used for client solutions), Strategy Design Studio (decision logic tool) and Ascend (cloud-based SaaS platform).

Key Contributions:

- Delivered frontend UI enhancements and backend config updates across six UK client systems, contributing to full **SDLC** and successful cloud migration Go Lives via **AWS EC2**.
- Built and customised component-based screens in PowerCurve (PCO), mirroring CMS-style logic to meet client specifications and branding requirements.
- Diagnosed and resolved **100+ frontend UAT defects** using **Postman**, **Splunk**, **Kubernetes**, and **Git**, improving triage speed and reducing test cycle delays.
- Delivered live walkthroughs, demos, and written guidance for new joiners, grads, and senior colleagues, supporting onboarding and shared technical understanding.
- Participated in **Agile** ceremonies and technical design discussions, aligning delivery with business specs and UI/UX requirements.
- Used **SOAPUI**, **Postman**, **Bruno** and **Confluence** to validate API responses and document frontend/backend integration flows for cross-functional teams.
- Queried **PostgreSQL** and **MSSQL** databases using **pgAdmin4** to validate data mapped to frontend fields, supporting accurate UI display and field mapping.

PROJECTS

NOTO (IN PROGRESS)

React | JavaScript | Chart.js | localStorage

Web mood tracker with A/B testing, toast feedback and weekly visual trends.

- Tracks mood, hydration, sleep, and clarity with soft, inclusive UI.
- Includes optional sensory grounding tools (5-4-3-2-1 visuals, breath pacing, soundscape).
- Built responsive layout and integrated **Chart.js** bar chart with tooltip notes.
- Saves and reads data from **localStorage**.

DOMI (IN PROGRESS)

Flutter | FastAPI | Python | SQLite | Fly.io

Cross-platform mobile inventory tracking app supporting users with brain injuries and cognitive difficulties.

- Built in **Flutter** with a barcode scanner package, local **SQLite** storage and **FastAPI** backend with the **UPCItemDB** API.
- Designed using informal A/B testing and **Figma** wireframing.
- Exploring NFC tag integration for real-world item recognition.
- Deployment will be via **Fly.io**.

RESPONSIVE WEB PROJECTS (FREECODECAMP)

HTML5 | CSS3 | JavaScript | TypeScript | Tailwind | Bootstrap | React | Vercel

- Built five responsive projects: tribute page, technical documentation page, sign-up form page, product landing page and a personal portfolio (**React/Vercel**).
- Integrating **Cypress** tests to simulate user interactions and improve accessibility.

EARLIER ROLES

REFERRALS ADMINISTRATOR (Nov 2021 - Sep 2022)

Response Physiotherapy Ltd

TRADING ASSISTANT (Jul 2019 - Dec 2021)

Sainsbury's Supermarkets Ltd

EDUCATION

DipHE: English and Linguistics - Nottingham Trent University - (2016-2021)

A Levels: Sociology (A*), English Language (B), Psychology (C) - Bilborough College - (2014-2016)

CERTIFICATIONS

- **AWS (2023 – Current):** Cloud Practitioner Essentials - currently preparing for Cloud Practitioner exam
- **LinkedIn Learning (2025):** React Essential Training, Flutter Fundamentals, Microsoft Azure Fundamentals, Linux Fundamentals
- **Code First Girls (2022):** CFGDegree (Merit) – Python, SQL, Flask, Pycharm. Bootstrap (“Recapify” project)
- **She Codes Basics (2022):** HTML5, CSS3, JavaScript ES6+, VS Code
- **Purple Beard Bootcamp (2021):** Python, NumPy, Matplotlib, SQL, advanced Excel

PERSONAL INTERESTS

Learning Spanish, running, weightlifting (completed the 2021 London Marathon, raising £700 for Myeloma UK), and organising Great Place to Work events.