

Katherine Wilde

Software Developer

Greater Colchester Area, UK | [LinkedIn](#) | [GitHub](#)

SUMMARY

Junior full-stack developer with a thoughtful, adaptable approach to building secure, user-focused applications. Delivered real-world projects through Tech Returners using React, Node.js, and PostgreSQL, with a strong focus on accessibility and maintainability. Brings problem-solving, clear communication, and a collaborative mindset, shaped by experience across education, finance, and tech. Eager to contribute clean, reliable code and well-considered design in a role that values quality and usability.

SKILLS

Languages: JavaScript, TypeScript, Python

Frameworks: React, Svelte, Node.js, Express, React Native

Databases: PostgreSQL, SQL

Testing & Tools: Jest, Supertest, Postman, Git, GitHub, Netlify

Other: REST APIs, Agile/Scrum, Accessibility (WCAG), CI/CD, Technical Communication

PROJECTS

[SCENE LOCALLY](#) | Tech Returners Launchpad

Apr 2025 – May 2025

Community-focused events platform, built with React, TypeScript, Chakra UI, Node.js, Express, and PostgreSQL.

- Refactored forms into modular components and custom hooks for scalability and maintainability.
- Implemented robust multi-role authentication, using JWT and role-based access control to ensure secure access for Attendees, Organisers, and Admins.
- Optimised accessibility and UI consistency, conducting audits with Lighthouse and WAVE, improving keyboard navigation, semantic structure, and ARIA roles.
- Adopted TypeScript for the first time, enforcing strict type safety across components to reduce runtime errors and improve code quality.

TIME TREASURES (Mobile App) | Northcoders Team Project

Nov 2024

- Collaborated in a 5-person Agile team to build a cross-platform productivity app using React Native, Redux, and Expo.
- Co-designed the database schema and contributed to Express API endpoints with validation and error handling.
- Co-developed a task analytics graph to visualise behavioural trends and support future gamification and habit-tracking features.

[NC NEWS WEB APPLICATION](#) | Northcoders Final Project

Oct 2024 - Nov 2024

Mobile-first, full-stack news platform built with Node.js, Express, PostgreSQL, and React.

- Developed a RESTful API with 56 Jest tests and Supertest for robust backend validation.
- Created reusable React components with Material UI, applying scalable UI design and state management principles.
- Implemented CRUD across 7 endpoints for article updates, filtering, voting, and commenting.

Additional projects: Developed a personal [Portfolio Site](#) using Svelte and Tailwind CSS, and a [Recipe Search App](#) in Python as a team project with Code First Girls.

PROFESSIONAL EXPERIENCE

TECH RETURNERS

Remote

Freelance Project Consultant

Apr 2025 - May 2025

- Delivered full-stack MVP in 4 weeks, handling planning, architecture, build, and deployment using React, Node.js, PostgreSQL.
- Designed modular, scalable architecture ensuring clean separation of concerns and maintainability.
- Achieved full WCAG compliance and a 100 Lighthouse score for an accessible user experience.
- Resolved 13 GitHub issues post-launch; deployed via Netlify, Render, and Supabase for stability.

NORTHCODERS

Remote

Software Development Student

Sep 2024 - Nov 2024

- Completed 13-week full-stack JavaScript bootcamp delivering multiple projects with TDD and accessible design.
- Practised Agile workflows including daily stand-ups, sprint planning, retrospectives, pair programming, and collaborative code reviews.
- Built and tested REST APIs; applied clean code principles; managed version control with GitHub.

MANNINGTREE HIGH SCHOOL

Manningtree, Essex, UK

Data Administrator

Jul 2022 - Jan 2024

- Managed and maintained Student Management Information Systems for ~900 students, ensuring data integrity across multiple platforms.
- Identified and resolved complex data discrepancies using root cause analysis; implemented validation protocols achieving 100% accuracy in critical grade uploads.
- Designed and built analytical reports using Excel, transforming large datasets into actionable insights that led to targeted interventions and revealed overlooked trends.

Lead Exam Invigilator

Feb 2015 - Jun 2022

- Coordinated exam procedures for a 6-person team, ensuring compliance, confidentiality and smooth operations for diverse student needs.

ALTORIAN CHARTERED ACCOUNTANTS

Manningtree, Essex, UK

Trainee Accountant

Jun 2021 - Nov 2021

- Managed bookkeeping, reconciliations, and tax returns for 10-15 clients with 100% accuracy and timely submissions.
- Analysed financial data to resolve discrepancies and maintain data integrity.
- Communicated with clients to clarify financial information and ensure tax compliance.

VOLUNTEER EXPERIENCE

STOUR CHORAL SOCIETY

Manningtree, Essex, UK

Website Editor & Honorary Treasurer • Sep 2008 – Oct 2020

- Redesigned and maintained the society website using HTML/CSS; later migrated to WordPress for better accessibility and ease of updates.
- Managed budgeting, financial reporting, and ensured compliance with charity regulations.

EDUCATION & COURSES

UNIVERSITY OF SHEFFIELD

B.Mus. (Hons) Music (2:1)

ASSOCIATION OF ACCOUNTING TECHNICIANS (AAT)

Level 4 Professional Diploma in Accounting (Levels 2 to 4), Independent Study (Apr 2018 - Mar 2022)

Code First Girls: [MOOC Sprints](#) (Dec 2023–Apr 2025), Python & Apps [Coding Kickstarter](#) (Feb 2024).