

# Katherine Wilde

## Software Developer

Greater Colchester Area, UK

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GitHub: <https://github.com/kwildeDev>

## PROFILE

Transitioning back into the tech industry with a solid foundation in data, software and accounting. I demonstrate proven problem-solving abilities, analytical, and project management skills from diverse roles. Recently completed a coding bootcamp at Northcoders, gaining comprehensive skills in full stack web development. Committed to writing clean, well-tested code and collaborating effectively with teams. Seeking opportunities to contribute to challenging projects and make a meaningful impact in the tech industry. Enthusiastically committed to continuous learning and growth in this fast-paced field. Inspired by technology's power to innovate and solve complex problems through creativity and logic.

## TECHNICAL SKILLS

- Programming Languages: JavaScript (using Node.js and browsers as environment), Python, Java
- Testing: TDD (Test Driven Development), Jest, Supertest, Postman
- Back-end: SQL, PostgreSQL, seeding
- Front-end: HTML, CSS, React, Lighthouse, WAVE, Bootstrap, WordPress, wireframing & component trees
- Hosting: Netlify, Supabase, Render
- Other: Paired programming, technical communication, Agile and SCRUM methodologies
- Version Control & Deployment: Git and Github
- Legacy Languages: MUMPS, COBOL

## PROFESSIONAL DEVELOPMENT

### Software Development Student/JavaScript Student, Northcoders (Sep 2024 to Nov 2024)

- Northcoders Software Development Bootcamp in **JavaScript**:

A 13-week industry-focused training course covering all the most relevant skills and technologies required for job readiness in a full-stack web development role.

During this course, I gained valuable skills in collaboration and teamwork, whilst building my Javascript and React knowledge through daily sprints including pair programming and individual tasks. I have become proficient in test-driven development, now a standard practice in my workflow which guided my backend work. I learnt to debug issues in React apps by using browser developer tools to analyse and inspect issues in real time, which greatly enhanced my understanding of frontend development.

- **NC News** – A mobile-first platform that allows users to easily browse and engage with news articles of various topics. (<https://kw-nc-news.netlify.app/>)

Developed a responsive web application that created and deployed a RESTful API to access news articles from a PostgreSQL database. Users can browse, filter by topic, sort and order, and engage with articles through comments and voting.

This project and its challenges provided a deep understanding of backend structure, component design, testing, and quality assurance, leading to greater effectiveness in future roles.

- **Backend Project** (<https://github.com/kwildeDev/be-nc-news>) (Oct 2024)

Technologies used: JavaScript, PostgreSQL, Express, Jest, Supertest, Husky, Dotenv

- **Frontend Project** (<https://github.com/kwildeDev/fe-nc-news>) (Nov 2024)

Technologies used: JavaScript, React, Vite, React-Router, Material UI, Axios

- **Time Treasures App** Collaborated on a team project to develop a React Native app aimed at improving user organisation. Quickly learned and implemented React Native, Expo, Redux, and related libraries to create a user-friendly, engaging application. (<https://northcoders.com/project-phase/time-treasures>)

### Code First Girls short courses (Dec 2023 to Jul 2024)

- MOOC Sprints on Agile & Scrum, JavaScript, Data & SQL, Java, iOS Development, Git & GitHub, Cloud & Deployment, Career Development, C#, Machine Learning, Assessments including Hackerrank, and DevOps (Feb - Aug 2024)
- Coding Kickstarter course in Python and Apps (Feb 2024)
- **Recipe Search project** a collaborative Python project that employs the Edamam API to allow users to search for recipes by ingredients. ([https://github.com/kwildeDev/py\\_recipe\\_search](https://github.com/kwildeDev/py_recipe_search))

### Volunteer Website Editor, Stour Choral Society, Manningtree (Sep 2013 to Oct 2020)

- Stour Choral Society website projects (2013 - 2019): (<https://kwildedev.github.io/stourcho-static/>)

## PROJECTS

- **Treasurer trail** - Web-based bookkeeping application designed to simplify accounting tasks for small nonprofit treasurers.(2024 - in progress) (<https://github.com/kwildeDev/be-treasurer-trail>)
- **BalanceWise Bookkeeping** - Bookkeeping business website using a bootstrap template (2023): (<https://github.com/kwildeDev/balancewise-website>)

## EMPLOYMENT HISTORY

### Data Administrator, Manningtree High School (Jul 2022 to Jan 2024)

- Managed school management information systems (ESS SIMS, Go 4 Schools, ALPS Education), overseeing data collection, processing, analysis, and reporting to stakeholders. Developed expertise in educational MIS, including key performance measures, methodologies, and data challenges.
- Utilised Excel for data manipulation and formatting, demonstrating a strong understanding of data types and complex formulae. Explored automation opportunities and digitised a paper-based process for improved efficiency.
- Improved operational efficiency by supporting the finance team through managing payment items and procurement processes and ensuring accurate financial records.

### Trainee Accountant, Altorian Chartered Accountants, Manningtree (Jun 2021 to Nov 2021)

- Work experience in October 2020 resulted in a permanent role. Demonstrated proficiency in various accounting software (Excel, VT Transaction+, Sage, Xero, QuickBooks, FreeAgent, BTC Transaction) for accurate and detailed bookkeeping tasks, including journal postings and ledger reconciliations.
- Executed accurate personal and business tax returns for micro entity companies and sole traders, ensuring compliance with financial regulations through meticulous analysis and effective client communication.

### Exam Invigilator (Lead), Manningtree High School (Feb 2015 to Jun 2022)

- Coordinated detailed exam procedures, ensuring adherence to standards and student data confidentiality.
- Managed all aspects of exams, from setup to post-exam processes, while effectively leading a team of invigilators.

### Alterations Specialist, Self-employed (Jan 2015 to Jul 2017)

- Delivered precise and high-quality alterations tailored to client needs, demonstrating meticulous attention to detail and the ability to customise solutions.

Further experience on request

## VOLUNTEER EXPERIENCE

### **Volunteer Website Editor, Stour Choral Society, Manningtree (Sep 2013 to Oct 2020)**

- Developed and launched a new website while self-learning **HTML** and **CSS**, and exploring **JavaScript** and **PHP**.
- Collaborated effectively with the committee and members to ensure the website met their needs.
- Maintained ongoing comprehensive updates, ensuring continuous user-friendly experience.
- Updated the website to WordPress for streamlined maintenance by team members and to enhance its useability.

### **Honorary Treasurer, Stour Choral Society, Manningtree (Sep 2008 to Oct 2019)**

- Managed financial operations, ensuring compliance with accounting standards, while overseeing budgeting, reporting, and reconciliations.
- Led strategic planning, including financial statements, Gift Aid management, and submissions to the Charities Commission.

## **EDUCATION & QUALIFICATIONS**

### AAT Accounting Qualifications

- Level 2 Foundation through to Level 4 Professional Diploma, including Personal Tax and Business Tax (2018 - 2022 - Self-Learning)

University of Sheffield - B.Mus. (Hons) Music (2:1) (1996)