Katherine Wilde

Software Developer

Greater Colchester Area, UK

Website: https://katherinewilde.netlify.app/

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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)

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

- *Portfolio Website* - Portfolio app built with Svelte and Tailwind CSS (2025) (https://github.com/kwildeDev/portfolio-app)
- *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)