

# KAYLA E. SMITH

## FULL-STACK DEVELOPER

English (native), Catalan (C2), Spanish (C2), German (B2)

Residency and work permission for the EU and US.

Email: [kaylaesmith1@gmail.com](mailto:kaylaesmith1@gmail.com)

---

## PERSONAL PROFILE

[Website](#) | [LinkedIn](#)

I am a graduate of Code Institute's full-stack software development program with experience in HTML, CSS, JavaScript, Python, and knowledge of React and Angular. I currently work as a freelance web developer, specializing in website creation, updates, and migrations. My passion for technology and problem-solving stems from a past career in Public Health, where I learned to thrive in a fast-paced, continuously changing environment. Both independently and as part of a team, I strive to create innovative solutions, pay attention to detail, write clean code, and take a user-centric design approach to produce high-quality work.

---

## WORK EXPERIENCE

**Aug 2023 – present**

**Web Developer | Boyd Digital | Glasgow, UK (remote)**

- Develop and maintain responsive websites ensuring seamless user experiences across devices.
- Execute website updates, migrations, and optimizations for clients, improving site performance, SEO, and user engagement using HTML, CSS and JavaScript.
- Apply Agile methodology and web development skills in collaboration with clients to create functional, user-friendly web solutions.

**May 2021 – Sept 2022**

**Tech Support | Oct8ne | Barcelona, Spain**

- Proficiently identify and address technical challenges that emerge, ensuring a swift and effective resolution for valued customers.
- Elevate user experiences through the meticulous crafting of bespoke designs and features for clients, leveraging expertise in SQL, Visual Studio, and Angular to drive exceptional website functionality and aesthetics.
- Facilitate seamless implementation and optimal functionality of Oct8ne technology on clients' websites by providing clear, concise, and accessible technical guidance, empowering clients to harness the full potential of our solutions.

**Sept 2013 – present**

**Translator and Proofreader | Barcelona, Spain**

- Translate material on various topics from Spanish, Catalan or German into English.
- Collaborate with Editorial Casals, the Association of Bibliophiles of Barcelona and TransPerfect, among others.

---

## PORTFOLIO PROJECTS

- **Iowa State Fair** – Three-page website about the Iowa State Fair | [GitHub](#) | [App](#)
  - Interactive website with HTML and CSS to visually engage the user.
  - Dynamic image galleries and historical content to enhance user engagement.
  - Optimized for mobile and desktop using flexbox and media queries for a seamless browsing experience.
  - Managed version control and project updates using Git and GitHub.

- **Sea Creature Memory** - Interactive memory game | [GitHub](#) | [App](#)
  - Developed using HTML, CSS and JavaScript.
  - Event listeners and DOM manipulation create a dynamic and engaging user experience.
  - Responsive layout for seamless play on both desktop and mobile devices.
  - Managed version control and project updates using Git and GitHub.
- **Hangman** – Interactive hangman game | [GitHub](#) | [App](#)
  - Command-line Hangman game using Python.
  - Randomized word selection, user input validation, and real-time game state updates.
  - Control flow, loops, and functions to manage game logic efficiently.
  - Error handling and input validation to improve user experience and prevent crashes.
  - Deployed on Heroku, ensuring accessibility for online users.
- **The Wine Garden BnB** – A bed and breakfast website | [GitHub](#) | App no longer live.
  - Fullstack app using HTML, CSS, JavaScript, Django to ensure seamless user experience.
  - User authentication, allowing Admin and guests to create accounts and manage bookings.
  - Designed and integrated a database (PostgreSQL) to store reservations and user data securely.
  - Developed a dynamic booking system with real-time availability updates.
- **Iowa Summer Activities** – Summer activities website for Iowa in 2023 | [GitHub](#) | App no longer live.
  - Full-stack web application that allows users to browse, comment on and book activities.
    - Backend: Python, Django and PostgreSQL.
    - Frontend: React and JavaScript.
  - RESTful API for user authentication, activity listings, and bookings.
  - CRUD functionality, allowing users to create, view, update, and delete events.
  - React hooks to manage user interactions and API calls efficiently.

## HACKATHONS & NETWORKING EVENTS

- **Code Institute July 2024** – Chronicles of Pride | [GitHub](#) | [Video](#)
    - Used Bootstrap, Django, Javascript, ElephantSQL for both front-end and back-end integration.
    - Agile methodology for sprints, meetings, planning and managing tasks to prioritize features.
    - Focused on user authentication, interactions, and a dynamic UI to improve usability.
    - CRUD functionality to write and comment on blog posts
    - Project's workflow, version control and code review management using Git and GitHub.
  - **Jump2Digital March 2024** – Barcelona Secreta | [GitHub](#) | App no longer live.
 

App to decongest tourism in Barcelona. Heat map of the city to disperse visitors to lesser-known cultural points of interest to promote sustainable tourism to the city.

    - Typescript, React, Tailwind, Nestjs, MondoDB, Mongoose for front- and back-end integration.
    - User authentication, location tracking to personalize based on user preference and proximity.
    - Responsive and interactive UI, making it accessible and user-friendly on all devices.
    - RESTful API principles manage data interactions for efficient updates.
    - Version control and collaboration through GitHub to effectively track changes.
-

KEY SKILLS

CATEGORY	TECHNOLOGY/SKILL	EXPERIENCE (YRS)
Languages	HTML, CSS, JavaScript, Python	3
	React	1
Front End	UI/UX Design, Web Performance Optimization, SEO, Cross-Browser Testing	3
	Tailwind CSS	1
Back End	API Development & Integration, PostgreSQL, MondoDB	1
	WordPress Development	1
	E-commerce Platforms (Shopify, WooCommerce), Security (OAuth)	2
Frameworks	Bootstrap	3
	Django, Netlify	1
Version Control	Git, GitHub, Heroku	3
Tools & Technologies	Figma, VS Code, Canva	3

EDUCATION

July 2022 – July 2023	<b>Code Institute</b> Diploma in Full Stack Software Development   (1-year online course) Credit Rated by the University of the West of Scotland
Sept 2012 – June 2015	<b>Universitat Pompeu Fabra</b> Master of Public Health   (Barcelona, Spain)
Sept 2006 – May 2010	<b>University of Iowa</b> Bachelor of Arts in Global Health & Spanish   (Iowa, USA)