Cerys Mooney

Junior Software Engineer

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Software Engineer with hands-on experience building and maintaining production-scale C# backend services, PostgreSQL reporting, webhook infrastructure, and Angular dashboards. Focused on simplifying and maintaining reliable communication workflows across backend services, data flows, and supporting UI.

WORK EXPERIENCE

TextLocate | Chattanooga, TN | Dec. 2025 – Present | Contract Software Engineer

- Implement and maintain C# backend services and application logic supporting reliable and consistent driver communication workflows, including messaging, image uploads, validation logic, and webhook delivery.
- Add and refine backend logic across driver, messaging, and validation workflows to support changing requirements.
- Write and maintain PostgreSQL queries used for reporting, dashboards, and internal analytics.
- Develop Angular frontend components supporting internal dashboards and modals.
- Debug production issues across backend and frontend, identifying root causes and deploying fixes.

GI Healthcare Industries Limited | Bristol, UK| Feb. 2024 - May 2024 | Front End Engineer

- Collaborated with other engineers to create and refine both product prototypes and wireframes.
- Developed interactive UI elements to validate user flows and layout behavior.
- Contributed to the implementation of responsive frontend components used in production.

Tidy Games | Bristol, UK| Sept. 2023 - May 2024 | Web Developer

- Worked closely with a small team and the client to design and build product prototypes.
- Built frontend components and backend services supporting core application functionality.
- Shipped a fully responsive website used in production.

GrassRootsWeb | Bristol, UK| Sept. 2023 - May 2024 | Web Developer

- Collaborated directly with clients to define requirements and produce wireframes/mockups.
- Implemented frontend and backend code to support responsive website functionality.

EDUCATION

University of the West of England | BSc (Honors) Digital Media - First Class Honors | 2021 - 2024

- Elected Student Representative, serving as a point of contact between students and faculty.

Chattanooga Center for Creative Arts | Chattanooga, TN | High School Diploma | 2016 - 2021

SKILLS

Technical Skills: C#, PostgreSQL, REST APIs, webhooks, Angular, TypeScript, HTML, and CSS