Alana Barrett-Frew

Truro, England • 07817 663239
Email: alanabarrettfrew@gmail.com
Portfolio: https://nauticalturtle.com/
Github: https://github.com/AlanaBF
https://www.linkedin.com/in/alanabarrettfrew/

Profile

"Former Teacher turned Front End Developer, always learning and seeking new knowledge and skills. Very excited to bring highly transferable and relevant skillset into the Tech Sector. I value a simple and clean approach and don't like to over complicate tasks. A leader, mentor, effective planner and implementor of organisation strategies to balance day to day requirements."

Skills

Programming:	HTML, CSS, JavaScript
Frameworks:	React.js, Node.js, Bootstrap
Methodologies:	Agile, Scrum, Kanban
Other:	Git, Api's

Professional Experience

Self Employed, Home based, Cornwall, UK   June 2023-Present

Collaborate with clients to understand their specific requirements, providing tailored web development solutions to meet their needs.

- Developed a responsive and user-friendly website for Kernow Pets using React, building it from scratch.

EdX Bootcamp, Front End Web Development   November2022 – March 2023

16 week Skills Bootcamp in Front End Web Development which took me from zero coding experience to successfully building Front End Responsive Applications.

- Practiced Agile Methodologies with daily stand-ups, use of Kanban board to manage projects and two week sprints to complete projects.
- Independent, pair-programming and collaborative team work to design and build responsive front end web applications using HTML, CSS and JavaScript; specifically specialising in the React framework.
- Introduced to Test Driven Development (TDD) and fundamental concepts using Jest. Wrote unit tests using Jest to avoid bugs and practice TDD.
- Introduced to CI/ CD and optimising CD pipeline between GitHub Repo and Netlify by creating YAML scripts that trigger and run unit tests.
- Developed two backend projects using Node.js that created an application based on user responses to a series of questions.
- Made excellent use of my 1:1 tutor to recap concepts, practice algorithms and general help with challenges.

Brannel School, St Stephen, Cornwall, UK   2016 – Present
Teacher of Humanities, Farm Manager, Duke of Edinburgh Manager

Served as a National Curriculum (NC) Maths Teacher (KS3 and KS4) then progressed to a Geography Teacher. Lead driver in two major projects; Building a school farm and introducing and developing the Duke of Edinburgh Award.

- Built and ran a school farm as well as introduced a new BTEC Animal Care course including writing curricular content.
- Mentored three trainee teachers through their teaching placements in Maths and Geography.
- Introduced and developed the Duke of Edinburgh Award in the school, as DofE Manager.
  - Managed a group of six employees, composed risk assessments, managed budget, and twice successfully submitted funding requests totalling about £2K each. Communicated with students, parents, and other staff. Organised and lead trips and events, such as DofE expeditions and other school outings.

Multiple locations, England | Spain   2004 – 2016
Teacher

Served as a teacher of multiple subjects, including Maths, Geography, Physical Education, and Teaching English as a Foreign Language (TEFL).

- Managed all aspects of report writing, meeting deadlines, progress monitoring, liaising with key stakeholders, and demonstrating leadership and management in classes of up to 32. Provided support for neurodivergent individuals, such as Dyslexia, Dyscalculia, Autism, and Social Emotional Mental Health (SEMH), dynamically adapting and reacting to constantly changing situations.

Projects

Kernow Pets

Developed a commercial website for a local reptile business, diversifying their marketing channels beyond Facebook and in-store footfall.

- Utilised Vite React, HTML, CSS, and JavaScript to create a seamless user experience.
- Collaborated closely with the key stakeholder, ensuring alignment with their vision through regular meetings.
- Implemented modern UX/UI design principles and integrated a store location feature using the Leaflet API.
- Deployed on Vercel for optimal performance.
- Solely responsible for project planning and delivery, showcasing independent management skills and full-stack development proficiency.

Github: https://github.com/AlanaBF/kernowpets | Deployed: https://kernowpets.com

RWCFrance23

A collaborative group project built using React, that uses APIs to fetch data and update the web page. It allows the user to find information pertaining to the Rugby World Cup 2023 being held in France. They can find the match schedule, group standings, location of the stadiums on a map with pop up info cards for each, live updates for every match and official links to the shop.

- Took on a lead role in the project management, leading daily stand-ups and managing the Kanban board and making sure the project was on target for completion within the time frame.
- Used Google Docs to write the plan and submission of the project idea and used Figma to create a wireframe mock up of the website. Used Google Slides to present our project to the course cohort.
- Worked collaboratively as a team, worked independently on components and pair programmed throughout the 2 week sprint to design, build, debug and deploy the application.
- Sole responsibility for the design of the Match Statistics Section which will load and update data using the Rugby API during the Rugby World Cup. Also responsible for the flags component which is used throughout the application and the card pop ups on the Leaflets map.

Github: https://github.com/AlanaBF/RWCFrance23 | Deployed: https://rwcfrance23.netlify.app/

Portfolio, Blog Page and Sign up for updates page

A collection of apps that are all seamlessly integrated with the Portfolio with links connecting them all. All three apps use Javascript, CSS3 and HTML5 with a development of new technologies as I learn and integrate them into the apps.

- A personal portfolio created with Vite React, which is constantly updated to showcase my developing coding skills. It has links to all relevant projects split into 3 galleries; collaborative, project and games, contact links and my CV. Deployed with GH Pages and linked to a google domain name. Also deployed via Netlify.
- Blog Page which has been matched in style to the portfolio to show my learning of Next.js.
- Sign Up page was designed to show case backend development using Node.js, Express, Mailchimp API and Yarn.

All three projects are deployed by different sites, Netlify, Vercel and Render to show ongoing learning of new technologies.

Github: https://github.com/AlanaBF/Alana-Portfolio | Deployed: **nauticalturtle.com**

For More Projects see my GitHub Or my website https://alanabarrettfrew.com

Additional Experience

Foster Carer, Action for Children.

Probation, Community Payback Supervisor. Managed and mentored groups of Service Users to make positive changes to improve local communities and help them make positive changes to their lives.

Education & Professional Development

Front-End Web Development Certificate – edX, Remote
Project Management Certificate – The Knowledge Academy, Remote
BA HONS, Physical Education with QTS, Secondary Education & Teaching – University of Brighton, Brighton, UK

Licenses & Certifications

PRINCE2® Foundation, AXELOS Global Best Practice
PRINCE2® Practitioner, AXELOS Global Best Practice
EdX Trilogy Skills Bootcamp in Front End Web Development
Level 1 SFEDI Award in Understanding Enterprise
Level 1 SFEDI Extended Award in Passport to Enterprise and Employment