

Jennifer Bird - Software Engineer

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Profile

An enthusiastic and imaginative software developer dedicated to building software to the highest standards. Enjoys being creative, getting things done efficiently and being part of a great team.

Skills

- Javascript ES6, Typescript
- React Native (mobile), React (web)
- React-query, Redux, React Context (State management)
- HTML, CSS, Sass, Bootstrap
- RESTful Web APIs (Node, Express)
- Version Control (Git)
- Unit Testing (Jest, Enzyme, React Testing Library)
- End to End Testing (Cypress, Maestro)
- GraphQL
- Optimizely (A/B testing)

Experience

Awaze - Software Engineer - April 24'' - Present



Developed a white-label React Native booking platform serving four major holiday brands — Cottages.com, Hoseasons, James Villas, and Novasol — from a single shared codebase.

- Adopted the latest **Expo SDK** to speed up development process, streamlined build pipelines (EAS Build & Submit), reducing release turnaround time significantly.
- **Integrated third-party analytics** tools - Salesforce, Symplify and Firebase - to capture user behaviour, funnel performance, and crash reporting, providing actionable insight across all brand variants.
- Implemented and deployed a serverless backend service (**AWS Lambda + API Gateway**) acting as a secure middleware layer, enabling the mobile app to integrate with the company's wider microservices ecosystem without exposing internal APIs directly.
- Used OpenCode with **AI coding assistants (Codex, Claude)** to streamline development — from scaffolding components to debugging and code generation.



JBCole - Frontend Developer - July 22'' - April 24''

Worked on React/ React Native applications

- Created an **MVP mobile application** using **React Native** and **Expo framework**.
 - The application required full development of UI components, as well as integration with a python backend.
 - The application included features such as user registration, job posting and geolocation tracking, receiving positive feedback from the client for its functionality and performance.
 - Implemented paying capabilities using **Stripe** as well as integrating **Apple Pay** and **Google Pay** into the application.
 - Integrated **Firebase's Crashlytics**, allowing errors and crashes to be tracked via Firebase's dashboard.
 - Technologies used were **React Native**, **React Native tailwind**, **Expo**, **react-hook-form**, **Stripe**, **Firebase's Crashlytics**.

- Led the **full frontend development** process of the BuyDesign portal, a platform dedicated to connecting buyers (companies) interested in buying the designs of independent product designers.
 - Successfully delivered the project on **schedule** and **within budget**, meeting all client requirements and receiving positive feedback for its user experience.
 - Main technologies used were **React, React context, react-query, react-hook-form, yup, material-ui, react-testing-library**.



Missguided - Frontend Developer - Oct 20' - July 22'

Worked as part of the UX Team dedicated to Missguided Frontend application

- Developed UI **React** components according to design specifications.
- Used **Redux** as state manager, **jest** and **react-testing-library** as testing tools.
- Implemented A/B testing components with **Optimizely Experiments**.
- Investigated and resolved bugs in backend applications, these being mainly **Node services** and **Magento**.
- Exposure to various AWS services - **Lambda, DynamoDB, AWS Parameter Store, AWS AppConfig**.
- Investigated and resolved bugs on a **React Native** application.



Degree53 – Frontend Developer – Mar 18' – Oct 20'

Worked as part of the team dedicated to the Betfred application (gaming app).

- Created UI components according to design specifications to build the **redesign of Betfred's new Lottery application**, an app used by thousands of customers. Main focus of this project was mobile view and its functionality. Main technologies used were **React, Flux, Sass** and **Jest**.
 - Investigated and resolved bugs in various parts of Betfred application.
 - Documented various work procedures with clear language and use of screenshots. These documentations were used as reference guides by other developers and the QA team.



Northcoders – Student at Programming Bootcamp - Nov 17' – Jan 18'

Took part in a 12-week intensive Bootcamp focused on front-end and back-end programming, learning Javascript

Projects include:

- **Northcoders News Sprint** – Built an interactive website using React for the frontend, Node and Express for the Web Api, and MongoDB for the database. The application allowed users to read news articles, comment and rate them.
- **Formula 1 Sprint** – Pair programmed to build a website displaying Formula 1 data across many seasons. The site has the backend built with Node and Express, and uses EJS framework to render views.

Education

- International Politics, Manchester Metropolitan University – 2011 - 2014" -2.1
- Access to Higher Education International Studies – 2011" – Merit
- GSCE equivalent Maths, Science, Portuguese, History
- Languages: Fluent Portuguese, Basic Spanish, Fluent English