RYAN UNRUH *FRONTEND ENGINEER / SPECIALIZING IN REACT AND REACT NATIVE*

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EXPERIENCE

LEXAMICA | FRONTEND SOFTWARE ENGINEER (CONTRACT)

Dec 2024 – Feb 2025

- I enhanced the payment flow by developing Next.js components with Bootstrap styling and Formik/Yup validation, working closely with UX to streamline options, which reduced customer friction by 20% and improved checkout efficiency.

THE OSPREY GROUP | FRONTEND SOFTWARE ENGINEER

2021 – 2025

- Tasked with creating a user-friendly front-end for a web application, I led the design and development of the entire interface. By focusing on intuitive, visually appealing design and seamless functionality, I helped achieve a 4.5-star average rating in the first quarter, with users praising the interface.

- Faced with the need for an interactive display of user schedules and results, I designed and built custom components for data visualization. I developed dynamic dashboards, calendars, and data displays with interactive navigation, reducing data retrieval time by 20% through optimized dashboards.

- To improve accessibility and engagement, I implemented dynamic language switching using the i18n library and deployed a Spanish version of the application, expanding accessibility and engaging over 100 additional users.

- As the application scaled, performance bottlenecks and inconsistent state management became an issue. To improve responsiveness and maintainability, I optimized state tracking to reduce redundant computations and ensure updates only when necessary, increasing performance by 25% and minimizing unnecessary re-renders.

- The application required scalable server-side logic. I helped implement a serverless architecture by defining API endpoints and developing handlers in C# for business logic, deploying them within cloud environments. This resulted in a 30% reduction in server maintenance overhead, lowered infrastructure costs, and improved system scalability.

- I developed an automated billing report solution to streamline the generation and distribution of billing reports. Using C# and .NET, I built a system that iterated over partner records, formatted usage data, and generated CSV reports. I integrated SendGrid and Twilio for automated report delivery and notifications, reducing manual workload by over three hours per week.

- To ensure a seamless experience across all screen sizes, I used modern layout techniques to create a flexible, responsive design. This improved accessibility and achieved 95% device compatibility.

BACKGROUND

Experienced Frontend Software Engineer specializing in building intuitive, user-friendly mobile applications with React, TypeScript, and React Native. Skilled in backend integration using AWS services, C#, and ASP.NET to create seamless, scalable solutions.

EDUCATION

SOFTWARE ENGINEERING BOOTCAMP

UAB Collat School of Business, 2020

SKILLS

- React / TypeScript
- JavaScript
- Bootstrap
- React Native
- C# / .NET Core
- Twilio / SendGrid
- Next.js
- MongoDB/ Postgres
- AWS
- Material UI
- React Admin
- CSS / HTML5