Nicole Aldurien

Front-end Software Engineer

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Front-end Engineer with 3+ years of experience crafting responsive, accessible web apps with **TypeScript, React,** and **Vue3**. Experienced in collaborating across teams to deliver polished interfaces and intuitive user experiences. Most recently contributed to **Lumen One**, an EdTech courseware platform, by building the student UI, the data-heavy instructor UI, and a dedicated book reader interface with styled WordPress content and custom pagination using React, TS, and **styled-components,** and an assessment micro-frontend in **Vue3**. Known for creating pragmatic tooling (e.g., mock API servers) to accelerate front-end development and improve delivery timelines by 30%.

Additional tools: **HTML/CSS, SASS, Webpack, NPM, Git, REST APIs, Jira, Confluence, Node/Express**

Professional Experience

Career Break – Temporary Relocation to Toulouse, France   October 2024 – March 2025

- Relocated to France to support spouse's international assignment. During this period, gained exposure to a new cultural environment and continued professional growth by completing Python coursework and engaging with the local tech community. Returned to the U.S. after the assignment ended earlier than planned due to role misalignment.

Software Engineer at Lumen Learning | Remote   July 2021 – October 2024

- Created separate instructor and student interfaces for MVP, beta, and beyond for Lumen's newest higher education platform, delivering ahead of schedule at each benchmark. Built with **React/TS/Jest/Rails/styled-components**.

- Modernized a legacy React app by converting class-based components to functional components and replacing a deprecated state management library with the **Context API** and hooks, improving maintainability.

- Partnered closely with UX to ensure technical feasibility and full state coverage of their **Figma** designs.

- Added major front-end features to the assessments micro-frontend using **Vue3/TS/Pinia/Vite/SASS/Storybook**. Migrated tests from Jest to Vitest, and managed dependency updates and framework upgrades.

- Built a lightweight Node/Express mock server to unblock UI development ahead of backend readiness—sped up overall delivery of completed features by 30%.

- Promoted to **Technical Lead** in December 2023. Expanded duties included mentoring other devs, helping to drive technical direction, and partnering closely with product managers to accurately scope upcoming features.

- Implemented a highly-requested feature in Rails and React, from database migration to final UI integration, helping retain users and preserve associated sales.

Medical Technologist II at Emory University Hospital, Atlanta, GA   2016–2020

- Performed critical compatibility testing for blood transfusions and tissue transplants in a fast-paced, 600-bed hospital.

Medical Technologist/Andrologist at Reproductive Biology Associates, Atlanta, GA   2014-2016

- Conducted andrological and endocrine testing for patients undergoing fertility treatment; prepared specimens for IUI.

Education

DigitalCrafts | Certificate in Software Engineering | Atlanta, GA   *2021*

Texas State University | B.S. in Clinical Laboratory Science | San Marcos, TX   *2014*

- GPA: 3.8 overall, 4.0 STEM