

Nicole Aldurien

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Career Profile

- Software engineer with 3+ years of experience building attractive and smoothly functional applications for a SaaS startup in EdTech. Assisted over 400,000 students and instructors via low-cost courseware grounded in evidence-based teaching practices. Solo-built a small but highly-requested feature end-to-end, retaining associated sales.
- Core competencies include React, Vue3, TypeScript, styled-components, Context API, Pinia, Jest, Vitest, Webpack, Vite, Figma, NPM, CSS, HTML, JavaScript, Git, Jira, Confluence, RESTful APIs, and Storybook with lesser production experience in Ruby on Rails. Internal tooling experience in Node and Express.

Professional Experience

Relocation/Career Break

October 2024 – March 2025

- Temporarily relocated from Atlanta, GA, to Toulouse, France, then returned to the USA to settle in southern Illinois.

Lumen Learning | Remote | Software Engineer

July 2021 – October 2024

- Developed faculty and student interfaces for Lumen's new higher education platform, delivering MVP, beta, and final versions ahead of schedule, using React/TS/Jest/Rails.
- Refined assessment front end in Vue3/TS/Vite/Storybook, migrating existing test library from Jest to Vitest, managing dependency updates, and upgrading frameworks.
- Modernized legacy courseware's React front end with hooks and Context API, improving state handling patterns.
- In Dec. 2023, promoted to role of "Technical Lead" that did not map to industry understanding of that title, working closely with product managers to define feature scope, break down epics, and guide technical direction.
- Collaborated with UX team to ensure technical feasibility and full state coverage of Figma designs.
- Conceptualized and solo-built a Node/Express server to surface mock data, allowing the front-end devs to build UIs before the back-end devs had endpoints ready on any given feature.
- Took on increasing amounts of backend Rails work over the course of my tenure; was 80/20 FE/BE by October 2024.

Emory University Hospital | Atlanta, GA | Medical Technologist II

2016–2020

- Conducted compatibility testing for safe blood transfusions and tissue transplants at a 600-bed hospital.

Reproductive Biology Associates | Atlanta, GA | Medical Technologist/Andrologist

2014-2016

- Conducted andrological and endocrine testing for potential IVF patients.

Education

Georgia Institute of Technology

Ongoing

- Foundational Computer Science coursework in Python to bolster future Master's in CS application.

DigitalCrafts | Certificate in Software Engineering | Atlanta, GA

May 2021

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

August 2014

- STEM GPA: 4.0 | Overall GPA: 3.8