

# 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

### **Lumen Learning | Remote | Software Engineer**

July 2021 – October 2024

- Created separate faculty 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.
- Updated assessment front end for the above courseware in Vue3/TS/Vite/Storybook. Migrated test library from Jest to Vitest. Managed dependency updates and framework upgrades for this repository.
- Modernized React front end of Lumen's legacy courseware application to take advantage of hooks and the Context API; implemented updated state handling patterns.
- In Dec. 2023, promoted to role of "Technical Lead" that did not map to industry understanding of that title. Additional duties included working closely with product managers to fully flesh out the scope of upcoming features, breaking epics down into engineering tickets, and helping to drive technical direction.
- Worked closely with UX team to ensure technical feasibility and full state coverage of their 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 more & more 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