Nicole Aldurien

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nicole-aldurien.com | github.com/nicolealdurien | linkedin.com/in/nicolealdurien

Professional Experience

Lumen Learning | Remote

Technical Lead   November 2023 – Present

- Solo-built a feature end-to-end in Rails and React which allows faculty users of our courseware to control whether quizzes are shown to their students.

- Manage dependency updates and framework upgrades for Vue/Typescript repository. Migrated this project's test library from Jest to Vitest.

- Conceptualized and solo-built a Node/Express server to surface mock data, allowing the front-end team to work ahead of the back-end team on any given feature.

Software Engineer   October 2021 – November 2023

- Built separate faculty and student interfaces for company's newest courseware app in React/Typescript, utilizing Jest for front-end test coverage.

- Created triple-differential styling for an assessment question API, using PHP and vanilla Javascript, to create different styles for the requested question depending on the URL parameters sent.

Engineering Intern   July – October 2021

- Implemented complete UI redesign of primary courseware app in React/Javascript.

- Rewrote entire React front end from class-based components to functional components. Simultaneously updated state management away from a deprecated library to use Context API.

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.

Software Development Skills

TypeScript, React, Rails, JavaScript, Vue3, CSS, HTML, Git, Jira, Confluence, MongoDB, Express, Node, Jest, Vitest, PHP, RESTful APIs, Python, PostgreSQL, Redux

Education

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

- Built four functional applications, one solo and three in teams, using React, Node, Express, MongoDB (MERN stack), Javascript, PostgreSQL, CSS, and HTML

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

- STEM GPA: 4.0