



Michael Wilson

Junior Full-Stack Engineer (Education Tech)
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SKILLS

TypeScript • React • Node.js • PostgreSQL • Express.js • REST APIs • SQL • Git • Jest • React Testing Library • Docker • CI/CD • Agile • Responsive UI

EXPERIENCE

Junior Full-Stack Engineer — EduTech Labs

June 2024 – Present

Led the migration of the student dashboard from JavaScript to TypeScript, enhancing type safety and reducing runtime errors by 25%. Built reusable React components and hooks, enabling 20% faster feature delivery. Implemented Node.js REST APIs with PostgreSQL, optimizing queries and cutting API response times by 20%.

Frontend Developer — BrightPath Education

January 2022 – May 2024

Designed and implemented a modular React UI in TypeScript for the education portal, improving component reuse by 40%. Collaborated with product and QA to define acceptance criteria, leading to a 15% decrease in post-release defects. Set up end-to-end tests with Cypress and unit tests with Jest, achieving 85% test coverage.

Software Engineer — Scholarly Labs

July 2020 – December 2021

Developed RESTful APIs with Node.js and PostgreSQL, enabling reliable data access for learning analytics. Implemented data modeling improvements that reduced query times by 30%. Collaborated with education stakeholders to translate requirements into technical specifications.

EDUCATION

BSc Computer Science

University of North Cindy

Graduated: 2017