

Samuel Joh

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SUMMARY

Frontend software engineer with expertise in leveraging modern technologies and architectural patterns to build intuitive and efficient user interfaces. Skilled in optimizing solutions for enhanced performance, maintainability, and developer experience. A collaborative team player with strong interpersonal skills, eagerly seeking challenging projects to continue growing as a well-rounded software engineer.

SKILLS

Development: TypeScript, React, Tanstack Query, Jotai, Redux, TailwindCSS, Sass, React Native, Node.js, Express, Sequelize, PostgreSQL, Supabase, HTML, CSS

Specialties: Communication, Collaboration, Critical Thinking, Problem-Solving, Question-Asking

EXPERIENCE

Frontend Software Engineer

Givebacks

July 2022 – Present, Raleigh, NC

- Contributed actively to consumer and admin-facing platforms, scaling from <5,000 to over 230,000 users, demonstrating proficiency in building and maintaining high-traffic applications.
- Developed features across multiple repositories using React, TypeScript, Tanstack Query, Jotai, Mantine, React Native, and other modern frontend technologies, showcasing versatility and staying up-to-date with industry trends.
- Refactored and migrated codebases to leverage modern technologies and architectural patterns, including transitioning from Redux to Jotai/Context for more efficient state management, and from Tailwind CSS/Sass to Mantine UI to implement and integrate a uniform component library with Storybook.
- Spearheaded the development of an internal API documentation site, improving developer experience and collaboration across the team.

Lead Live Sound Engineer

Impact Church DFW

April 2021 – September 2021, Dallas, TX

- Engineered live sound and live stream audio to attain the cleanest and best sounding output signal for church service of 100+ members in-person and online.
- Coordinated and planned with worship and A/V teams weekly to ensure the overall quality of audio and video.
- Maintained professional image and attitude while under pressure during service, troubleshooting and solving any audio issues, ensuring a smooth experience for the congregation.

PROJECTS

bendwell

Fullstack Academy • March 2022 – April 2022

- Created a health and wellness app in 3 weeks that utilizes React, Redux, Supabase, TensorFlow.js, JavaScript, and Sass.
- Achieved a 99% confidence level evaluating 17 Posenet body points to 14 machine-learned stretch poses every 100 milliseconds.
- Spearheaded implementation of Supabase to handle user authentication and persist user profiles, stretches, routines, and images.
- Instructed the team on Sass styling best practices.
- Took responsibility for maintaining the server-side aspect of bendwell with Supabase, styling for the entire site using Sass, and integrating Teachable Machine into our app to streamline the process of creating pose classifications.
- Participated in daily standup meetings, code reviews with Project/Product Managers, Kanban board project management, and final presentations.
- <https://bendwell.netlify.app/>

CERTIFICATIONS

Certificate in Software Engineering

Fullstack Academy • 2022

- Rigorous 17-week full stack JavaScript software engineering immersive boot camp with an 8% acceptance rate.

EDUCATION

Associate of Applied Science in Commercial Music

Collin College • Plano, TX • 2021 • Magna Cum Laude