

# Jose Mendez

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## Experience

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### NCR Atleos | Atlanta, GA

#### Software Engineer | 07/2024 - Present

- Developed a scalable design system and reusable component library with Typescript and React, standardizing UI/UX across 5+ internal projects, resulting in a reduction in design inconsistencies and a faster front-end development cycle.
- Engineered "Atleos One", a centralized internal platform integrating access to over 4 internal applications, improving operational efficiency and reducing tool-switching time by 40% for 200+ employees.
- Contributed to Agile sprints and participated in peer code reviews, supporting continuous improvement and maintaining high code quality across shared components.
- Developed a user feedback feature in Python, allowing real-time submission of feedback, storing entries as JSON files in Azure Blob Storage, enabling secure, scalable data handling.

### Media Query Inc | Miami, FL

#### Software Engineer | 01/2022 - 05/2024

- Led the end-to-end development of an accessibility-focused web application using React, TypeScript, Node.js, and GraphQL, managing a team of 4 developers to deliver a scalable platform that increased user engagement.
- Implemented server-side rendering with Node.js, optimizing performance and reducing page load times by 45%, resulting in improved user satisfaction and retention.
- Integrated secure financial transaction workflows using Plaid with OAuth, enabling real-time banking data access for 100+ users and enhancing trust through robust security protocols.
- Configured user accreditation through the North Capital API, ensuring 100% compliance with financial regulations and bolstering user credibility on the platform.

## Projects

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### OH Systems — AI-powered voice assistant with real-time conversational capabilities

- Developed a real-time voice conversation system using @ricky0123/vad-web (Silero ML model) for browser-based Voice Activity Detection with automatic speech/silence boundary detection
- Integrated Ollama on the backend for local LLM inference, paired with text-to-speech for natural voice responses

### Fitness Flex — Comprehensive fitness tracking system to monitor users health and wellness journey free of charge

- Innovatively leveraged MongoDB locally to ensure seamless app functionality offline, enhancing user accessibility and experience.
- Pioneered the incorporation of a decentralized protocol, Nostr, enabling peer-to-peer interactions without reliance on a central server, fostering community engagement and user empowerment.

## Skills

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TypeScript, JavaScript, JAVA, C++, HTML5, CSS, SQL, Python, GO Technologies: REST, GIT, AWS, APIS, Azure, ReactJS, Express.js, React Native, MongoDB, GraphQL, AJAX, Docker, Heroku, Concepts: Data Structures and Algorithms, Web App Design, Containerization, Cloud Computing.

## Education

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Georgia Institute of Technology | Atlanta  
Computer Science | 05/2025