William Jijon

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EDUCATION

Farmingdale State College   Farmingdale, NY
Bachelor of Science in Computer Science, Minor in Business Management   *May 2027*

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, HTML, CSS, SQL
Frameworks / Libraries: React.js, Node.js, Tailwind CSS, Flask, SQLAlchemy, Spring Boot, JavaFX
Tools / Technologies: Git, GitHub, GitHub Actions, Azure, Linux, Bash, Supabase, Vercel

EXPERIENCE

Software Developer Intern   June 2025 – August 2025
SEO Tech Developer Program   *Remote*

- Improved IntelliSpeech's real-time connection reliability and latency by managing WebRTC signaling, reconnection logic, and event synchronization using Node.js and Socket.IO.
- Contributed interactive UI components to GeoTrend, enhancing usability and enabling region-based trend exploration using dynamic map views.
- Automated CI/CD pipelines using GitHub Actions to run tests and manage deployments, improving collaboration workflows and cutting deployment time by 30%.

PROJECTS

IntelliSpeech ↗ - *Video call platform with live translation*   July 2025
React.js, Tailwind CSS, WebRTC, Socket.IO, Supabase, ElevenLabs

- Implemented a real-time video call translation platform with secure user authentication, voice cloning, and transcripts for 80+ languages using Google Translate and ElevenLabs APIs.
- Optimized peer-to-peer calls with WebRTC and Socket.IO, and scaled the backend with TypeScript and Supabase, reducing translation delays by 25% across active sessions and ensuring smoother real-time communication.

GeoTrend ↗ - *Location-based trend explorer*   July 2025
React.js, JavaScript, Tailwind CSS, Reddit API, Supabase

- Developed a location-based global trend explorer with Mapbox GL JS that visualizes real-time Reddit data by region, reducing map render time by 30% and enabling users to explore trending topics through an interactive interface.
- Implemented Vitest unit tests and GitHub Actions CI/CD workflows that cut deployment time by 40%, ensuring faster releases, greater reliability, and a smoother developer experience across the project lifecycle.

FinTrack ↗ - *Personal finance manager tracking expenses and budgets*   May 2025
Java, Spring Boot, JavaFX, CSS, MySQL (Azure), Maven

- Built a full-stack personal finance application using JavaFX and Spring Boot, enabling secure management of budgets, transactions, and savings goals with a MySQL database deployed on Microsoft Azure.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

SEO EDGE Participant   June 2024 – Present
SEO Career   *New York, NY*

- Strengthened technical and professional skills through SEO Career/EDGE, improving interview performance, communication, and overall readiness for software engineering roles.

AFFILIATIONS / AWARDS

Best Overall Project – **SEO Tech Developer Cohort** – *Awarded for IntelliSpeech*   August 2025
Farmingdale State College Dean's List – *Academic excellence recognition*   August 2023 – Present