

# William Jijon

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## EDUCATION

### Farmingdale State College Farmingdale, NY

*Bachelor of Science in Computer Science, Minor in Business Management (GPA: 3.89)*

*May 2027*

- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Computer Architecture, Discrete Mathematics, Database Management, Operating Systems

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, TypeScript, HTML, CSS, SQL

**Frameworks / Libraries:** React.js, Node.js, Tailwind CSS, Flask, JavaFX

**Tools / Technologies:** Git, GitHub, GitHub Actions, Linux, Bash, Supabase, Vercel

## EXPERIENCE

### Software Developer Intern June 2025 – August 2025

*SEO Tech Developer Program*

*Remote*

- Applied full-stack development principles in the SEO Tech Developer program, using Agile practices, CI/CD pipelines, web security, and testing frameworks to build and deploy modern web applications.
- Engineered a Node.js signaling server with WebRTC and Socket.IO, improving IntelliSpeech's connection reliability and latency during real-time translation sessions.
- Led development of two full-stack projects, increasing deployment speed by 30% through automated CI/CD pipelines, improved version control strategies, and streamlined collaboration workflows with teammates.

## PROJECTS

### IntelliSpeech | *React.js, Tailwind CSS, WebRTC, Socket.IO, Supabase, ElevenLabs* July 2025

- Built an award-winning video call platform that translates conversations in 80+ languages using Google Translate and ElevenLabs APIs, delivering real-time transcripts and natural-sounding speech for users.
- Implemented secure user authentication and developed a voice cloning feature that generates personalized voice models from 15-second audio samples, improving accuracy, customization, and overall usability of the platform.
- 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 | *React.js, JavaScript, Tailwind CSS, Reddit API, Supabase* July 2025

- 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.
- Integrated Reddit API and Supabase backend services with authentication and realtime database features, powering personalized feeds for 100+ daily users and improving data synchronization efficiency across regions.
- 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.

### CookBot | *Python, Spoonacular API, Google Gemini API* June 2025

- Developed a terminal-based AI cooking assistant that recommends recipes from 5–10 user-supplied ingredients using the Spoonacular API, accessing a library of 5,000+ recipes with nutritional data, servings, and preparation times.
- Integrated Google Gemini API to generate step-by-step cooking instructions and substitutions, reducing recipe search time by 60% and improving personalization for diverse dietary needs.

## LEADERSHIP & PROFESSIONAL DEVELOPMENT

### SEO EDGE Participant June 2024 – Present

*SEO Career*

*New York, NY*

- Strengthened technical and professional skills through targeted coaching, improving interview performance and communication under pressure.
- Completed 100+ hours of industry-focused training in software engineering and business fundamentals, enhancing analytical thinking and attention to detail.