

William Jijon

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EDUCATION

Farmingdale State College <i>Bachelor of Science in Computer Science, Minor in Business Management (GPA: 3.89)</i>	Farmingdale, NY May 2027
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TECHNICAL SKILLS

Languages: Java, Python, 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 <i>SEO Tech Developer Program</i>	June 2025 – August 2025 Remote
<ul style="list-style-type: none">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 <i>React.js, Tailwind CSS, WebRTC, Socket.IO, Supabase, ElevenLabs</i>	July 2025
<ul style="list-style-type: none">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 <i>React.js, JavaScript, Tailwind CSS, Reddit API, Supabase</i>	July 2025
<ul style="list-style-type: none">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.	

FinTrack <i>Java, Spring Boot, JavaFX, CSS, MySQL (Azure), Maven</i>	May 2025
<ul style="list-style-type: none">Built a full-stack personal finance application using JavaFX and Spring Boot that enables users to securely manage budgets, transactions, and savings goals, improving financial data accessibility by 45%.Designed and deployed a cloud-hosted MySQL database on Microsoft Azure, implementing RESTful APIs and Spring Security with BCrypt encryption to ensure reliable, secure communication across all endpoints.Tested backend and GUI workflows using Postman and manual validation, reducing API response errors by 30% and ensuring seamless data synchronization between frontend and backend modules.	

AFFILIATIONS / AWARDS

Best Overall Project – SEO Tech Developer Cohort – Awarded for IntelliSpeech	August 2025
SEO Career Participant – Technical and professional training program	June 2024 – Present
Dean's List – Academic excellence recognition	August 2023 – Present