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*

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   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.

FinTrack ⬈ | *Java, Spring Boot, JavaFX, CSS, MySQL (Azure), Maven*   May 2025

- 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
Farmingdale State College Dean's List – *Academic excellence recognition*   August 2023 – Present