William Jijon

williamjijon223@gmail.com | linkedin.com/in/william-jijon | github.com/WJijon223 | williamjijon.com |
New York, NY

EDUCATION

Farmingdale State College   Dec. 2026
Bachelor of Science in Computer Science, Minor in Business Management (GPA: 3.89)   *Farmingdale, NY*
Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Computer Architecture, Discrete Mathematics, Database Management, Operating Systems

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML, CSS, SQL
Frameworks: React.js, Tailwind CSS, Flask
Developer Tools: Github/Git, Visual Studio Code, IntelliJ IDEA, Supabase, Vercel

EXPERIENCE

Software Developer Intern   June 2025 – August 2025
Sponsors for Educational Opportunity (SEO)   *Remote*
- Gained hands-on software engineering experience by designing, testing, and deploying full-stack web apps in SCRUM-like teams using **Python (Flask)**, **MySQL**, and **JavaScript** with API integrations.
- Completed 300+ hours of technical training and solved 100+ DSA problems, sharpening problem-solving skills and technical depth across backend and frontend tools.
- Led development of 2 full-stack projects, boosting deployment speed by **30%** through the use of automated CI/CD pipelines and streamlined version control.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

SEO EDGE Participant   June 2024 – Present
SEO Career   *New York, NY*
- Receive coaching and online instruction to achieve targeted interview, technical, and professional goals
- Completed industry-focused training that developed technical skills, engineering fundamentals, and attention to detail through collaborative projects and real-world scenarios.
- Learn business fundamentals to compete successfully for internship opportunities

PROJECTS

IntelliSpeech | **Best Overall Award Winner** | *React.js, Tailwind CSS WebRTC, Socket.IO, Supabase, ElevenLabs*   July 2025
- Developed a **video call** platform translating conversations across **80+ languages**, delivering speech in users' own voices with ElevenLabs and Google Translate APIs for natural live translation and real-time chat transcripts.
- Implemented secure user authentication and developed a **voice cloning** feature that generates personalized voice models from just 15-second audio samples, enhancing user experience and identity customization.
- Optimized low-latency peer-to-peer calls via **WebRTC** and **Socket.IO**, with a scalable backend using **TypeScript** and **Supabase**, reducing translation delays by **25%** and enhancing overall user experience.

GeoTrend | *React.js, Javascript, Tailwind CSS, Reddit API, Supabase*   July 2025
- Developed a **location-based global trend explorer** that visualizes real-time data using **Mapbox GL JS**, enabling users to explore trending topics, hashtags, and news by geographic region.
- Integrated **Reddit API** and **Supabase backend services** (Auth, Realtime DB) to power personalized feeds and user accounts, including a "For You" page based on local trends.
- Implemented **unit testing** with Vitest and automated **CI/CD workflows** using GitHub Actions to run tests and ensure code quality, enabling faster development cycles and more reliable deployments.

CookBot | *Python, Spoonacular API, Google Gemini API*   June 2025
- Developed a terminal-based **AI cooking assistant** that recommends recipes from 5–10 user-inputted ingredients, using the **Spoonacular API** to fetch 5,000+ recipes with prep time, servings, and nutritional data.
- Integrated the **Gemini API** to generate step-by-step, context-aware cooking instructions, including tips, substitutions, and personalized variations, with support for browsing saved recipe history.