

PABLO AGUIRRE CRUZ

540-621-2169 | p.cruz8@yahoo.com | pablocruz.website | Puerto Rico

linkedin.com/in/pablo-aguirre-cruz/ | github.com/PabloAguirreCruz

EDUCATION

General Assembly - Software Engineering Immersive

Graduated : May 2026

- **Relevant Coursework:** Data Structures and Algorithms, Full Stack Web Development, Systems of Databases

InterAmerican University of Puerto Rico at Bayamón

Graduated : June 2026

Bachelor's in Biology

- **Relevant Coursework:** Biostatistics, Physics, Organic Chemistry, Microbiology

SKILLS

Languages : Javascript, Python, HTML, CSS, SQL, C++

Frameworks / Libraries : React, React Native, Node.js, Express, Django, MERN, EJS, Mongoose

Tools : Git, Github, MongoDB, PostgreSQL, Postman, Heroku, Netlify, Vercel, VSCode, Cursor

Interests : AI Integration, Healthcare Tech, Databases, Embedded Systems, Real-Time Software

WORK EXPERIENCE

LUVO

Jan. 2025 - Present

Founder & Software Developer

- Designed and developed the full Shopify storefront for LUVO, a supplements brand, using custom Liquid templating, HTML, and CSS to build branded sections (product pages, quiz flow, blog hub, about page).
- Built reusable, schema-driven product page templates to scale across the full product catalog without duplicating code, improving maintainability and conversion consistency.
- Implemented performance-optimized, memory-efficient front-end architecture with a focus on load time, rendering efficiency, and cross-device responsiveness.

PROJECTS

WeAlert

- Architected and built a full-stack MERN community hazard-reporting platform for Puerto Rico with a RESTful Express/Node.js API, MongoDB Atlas database, Mapbox for real-time geospatial visualization, and Cloudinary for photo-based hazard reports.

Dumplt

- Building a full-stack AI voice and text agent using React (Vite), Node.js, Express, and MongoDB Atlas that converts natural language into time-blocked daily schedules, powered by OpenAI Whisper for speech-to-text, the Anthropic Claude API for intelligent scheduling logic, and Google Maps APIs for real-time travel-based adjustments.

TalentHub

- Developed a full-stack MERN freelance marketplace with user authentication and profile management, deployed via Heroku and Netlify.

EXTRA-CURRICULAR

- NSF RISE in STEM Fellowship (Award #2114401) — Conducted NSF-funded STEM research applying quantitative analysis and experimental design to biotech drug delivery systems — bridging scientific domain expertise with data-driven engineering methodology.
- Men's Soccer — Balanced varsity athletics and a Biology degree, won championship after 42-year title drought.