Enzo Varela

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Miami, FL

Education

Florida International University, Miami, FL   **Expected Graduation: May 2027**
Bachelor of Computer Science   *Start: June 2023*

- Bachelor of Arts   **GPA: 3.80**
- Courses: Systems Programming, Computer Architecture, Algorithms & Data Structures, Programming I & II, Logic for Comp Sci

Work Experience

Wake Tecnologia   **July 2025 – Present**
Full Stack Engineer Intern   *Remote*

- **Upgraded** a legacy **Laravel** codebase from version 5.5 to 12, resolving **100% of warnings/errors** and boosting maintainability — reducing developer onboarding time by **30%**
- **Developed and optimized** features in a **React/NestJS/MySQL** management system, improving data fetching and page load performance by **20–30%** while reliably delivering tasks ahead of deadlines
- Accelerated delivery of **2 client projects** by streamlining cross-functional collaboration with **Scrum**, **Trello**, **Git**, **Docker**, and **Postman**, ensuring on-time completion and improved team efficiency

Projects

PantherDen (ShellHacks 2025)   **React | ExpressJS | Python | Supabase | Prisma | OAuth | LLaMA AI**

- Led a **4-person team** to build a **full-stack** dorm listing platform in **36 hours**, enabling searchable listings with pricing, amenities, images, and reviews to streamline off-campus housing discovery
- Implemented **OAuth user authentication**, **real-time chat**, and **React state management** to enable seamless sublease listing creation and discovery
- Developed a **custom NLP chatbot** using a **LLaMA model** with **semantic search** to interpret plain-English queries and match users to listings
- Built a **responsive UI/UX** aligned with FIU branding, improving usability across devices
- Implemented robust **error handling** and integrated frontend, backend, and AI components into a cohesive prototype; received strong **positive feedback from recruiters** during the demo

Banking System   **Java | SQLite**

- Built a **modular banking system** in Java supporting account creation, deposits, withdrawals, and deletions across **5+ core functionalities**
- Integrated **SQLite** for persistent storage, ensuring **data integrity** and precise transaction handling across 500–700 lines of code
- Applied **object-oriented programming (OOP)** principles to produce modular, maintainable architecture for future extensibility

Daily Scheduler App   **HTML | CSS | JavaScript | Python | Jinja**

- Created a **full-stack web application** for task management featuring CRUD operations for dated events
- Built backend logic using **Python (Flask)** with **Jinja templates**, connecting to persistent storage to manage user data securely
- Crafted a **responsive frontend** using HTML, CSS, JavaScript to deliver intuitive experience across devices

Technical Skills

Languages: Python, Java, SQL, HTML, CSS, JavaScript, C

Developer Tools: Postman, Git, Docker, Trello

Frameworks / Libraries: React, NextJS, NestJS, ExpressJS, Django, Prisma, Flask, Jinja, Laravel

Databases: MySQL, MongoDB, PostgreSQL, SQLite

Other: OAuth, LLaMA, REST API, Error Handling, Agile / Scrum