

Victor Alberto Martinez Hernandez

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Experience

Cicada

Software Engineer

April 2025 - Present

- Develop and maintain the frontend of a trading platform used for bond transactions, ensuring a seamless and responsive user experience.
- Design, implement, and maintain microservices in Go to support various backend functionalities, improving scalability and system reliability.
- Maintain and enhance a Python monolith, contributing to feature development and system optimization.
- Collaborate closely with cross-functional teams and ensure code quality and system stability through testing, code reviews, and continuous integration.

Instituto Nacional de Medicina Genómica

Full-Stack Developer - Internship

August 2023 - February 2024

- Developed a dynamic web application enabling users to create and visualize epidemic networks.
- Utilized **SvelteKit** for the frontend, **D3** for data-driven documents, and **Flask** for the backend.
- Collaborated with a team of researchers to ensure accurate representation of epidemic data.
- Deployed and maintained the application on the institute's server, ensuring high availability and scalability.
- Contributed to project documentation and provided technical support to end-users.

Code Craft

Full-Stack Developer - Freelance

- Developed an interactive web app for visualizing algorithms, data structures, and creative coding.
- Designed an engaging and intuitive UI to enhance learning and experimentation.
- Implemented real-time animations for sorting algorithms, pathfinding, and procedural generation.

Education

Universidad Español

Bachelor of Computer Systems

Acapulco, Guerrero

Grad June 2025

Technical Skills

Programming languages: C, Python, Go, Javascript, Typescript, HTML, CSS, SQL

Libraries and Frameworks: Express, Flask, Django, Gin, React, NextJS, Svelte, Sveltekit

Tools and Platforms: Linux, NeoVim, Git, Github, MySQL, Postgres, Docker, Nginx, Postman, AWS

Languages

- Spanish: Native
- English: C1