

Luis Hernández

Software Engineer | Full Stack Developer

Escazú, San José, Costa Rica | +506 8718 6266 | luis.m.hernandez.cruz@gmail.com | <https://github.com/LUHECU>

Full Stack Developer with experience designing, developing, and maintaining scalable web applications in fast-paced environments. Strong background in SQL, database architecture, and back-end development with expertise in JavaScript/TypeScript, Node.js, NestJS, and modern front-end frameworks. Skilled in building RESTful APIs, optimizing relational databases, solving high-impact issues, and collaborating across multidisciplinary teams. Passionate about application reliability, clean architecture, and continuous improvement.

EXPERIENCE

Freelance Full Stack Developer

Class booking System

Aug 2025 – Present (Project temporarily on hold)

- Designed and developed a full web application for class booking, user management, and analytics using AstroJS, React, and Supabase.
- Implemented end-to-end authentication flows and UI/UX improvements including dark/light mode and language switching.
- Built modular architecture and documentation for scalable feature expansion.
- Deployed the platform using **Vercel** with automated CI/CD workflows for testing and preview deployments.

Stack: AstroJS, React, Supabase, TypeScript, Tailwind, Vercel

Full Stack Developer

Software Services Consulting Company

Jan 2025 – May 2025

- Designed, documented, and implemented RESTful APIs using NestJS for an Applicant Tracking System (ATS), including automated data imports and third-party integrations.
- Built and optimized SQL queries, relational databases, and ORMs (PostgreSQL, MySQL; MikroORM & TypeORM).
- Diagnosed and resolved high-impact production issues in areas such as invoice generation and user lifecycle management.
- Developed responsive UI modules in Angular and React to support enterprise-level workflows.
- Maintained API validation workflows using Postman and supported multi-environment consistency.
- Collaborated with teams through Git/GitHub for version control, reviews, and Agile/Scrum processes.

EDUCATION

Bachelor's degree in Computer Science

Universidad Castro Carazo – San José, Costa Rica

Feb 2022 – Oct 2025

Technical Diploma in Software Development

Colegio Técnico Profesional de Educación Comercial y Servicios

Feb 2019 – Dec 2021

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C#, SQL, Python, Java

Frameworks & Libraries: Node.js, NestJS, Angular, React, Astro

Databases & ORMs: Oracle Database, MySQL, PostgreSQL, TypeORM, MikroORM

Tools: Git, GitHub, Docker, Postman, Azure DevOps, Vercel, Supabase

Design: HTML5, CSS3, Tailwind CSS, Bootstrap

Methodologies: Scrum, Agile Development

SOFT SKILLS

Teamwork, Communication, Problem-solving, Ownership, Adaptability

LANGUAGES

- Spanish: native
- English: Upper-Intermediate (B2)

CERTIFICATIONS

- Scrum Fundamentals
- Docker Fundamentals