

EMILY MARCELA MONTERROSA CASTRO

Jr. Software Developer

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github.com/emilymontec - in/emilymontec/ - emilymontec.github.io/portfolio/

PROFESSIONAL PROFILE

Junior Software Developer with experience in web application development using Django and Node.js, API integration, and PostgreSQL database management. Able to design and implement server-side logic and cloud services for AI-powered platforms, optimizing automation and data processing. Passionate about backend architecture, continuous learning, and developing scalable solutions.

TECHNOLOGIES

Programming Languages: Python, JavaScript (ES6+), TypeScript, PHP

Backend: Django, Node.js & Express.js, Next.js

Frontend: React.js, HTML5, CSS3

Databases: PostgreSQL, MySQL

AI & APIs: Integration of AI models, LLM APIs

Tools: Git, GitHub, Deploy (Vercel/Render)

HIGHLIGHTED PROJECTS

CREACIONES EMALELI

E-commerce Platform for Customized Products.

Stack: TypeScript, Next.js, PostgreSQL

Custom-developed e-commerce platform designed to manage the sale of customized products and centralize business operations in a single system.

MISI FRAMEWORK

PHP Framework for Small Business Administrative Systems

Stack: PHP, HTML5, CSS3, JavaScript, MySQL

A lightweight, modular PHP framework for quickly creating administrative and management systems for small businesses and startups.

WORK EXPERIENCE

Software Developer - AxisGerSam

May 2026 – August 2026

IT Support Agent – Simón Bolívar University

September 2023 – April 2024

EDUCATION

Software Analysis and Development Technologist (In Progress)

Servicio Nacional de Aprendizaje (SENA)

April 2025 – September 2027

Systems Technician

Servicio Nacional de Aprendizaje (SENA)

January 2023 – April 2024

SKILLS

Problem-solving.
Critical thinking.
Continuous learning.
AI-Assisted analysis and development
Adaptability.
Technical and effective communication.
Teamworking.
Remote collaboration.
Incident management.
Time management.
Responsibility and commitment.
Results-oriented.

LANGUAGES

Spanish: Native
English: Intermediate (B1)