

Eduardo González

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Resume

Computer Engineer with 3+ years of experience in Backend (.NET, Nest.js, FastAPI, Django, Spring Boot) and Frontend (Nuxt.js, Next.js, Angular, Astro).

Expert in automation using n8n for integrations with WhatsApp, Telegram, Vapi, and Google Services.

Focused on building scalable systems and solving technical challenges with efficient solutions.

Education

CUJAE, Computer Engineering – Havana, Cuba Apr 2022 – Mar 2025

- Graduated with highest honors (Gold Degree), GPA 5.0, and multiple academic awards.
- Competed for 3 years in university programming contests like the ICPC, consistently ranking in the top positions.
- Thesis: Production Assurance Strategy System for AICA+ Pharmaceutical Laboratories.

Experience

Backend Technical Lead, Codes SRL – Havana, Cuba May 2025 – Jan 2026

- Developed the backend of the e-commerce platform for Cuba with purchases from abroad rmercado.com.
 - The project was developed in .NET using **CQRS**, **Clean Architecture**, and **Event-Driven Architecture** with **RabbitMQ**.
 - Used **AWS S3** and **AWS CDN** for file storage and distribution, later migrating to on-premise with **MinIO** at the client's request.
 - Integrated payment gateways **Monei**, **PayNoPain (PayLands)**, and **Redsys**.

FullStack Software Engineer, EMSI FARMA TECH – Havana, Cuba Mar 2025 – present

- Worked on the development of a **MES/SCADA system** for Industry 4.0 using .NET and Next.js, integrating **WSO2 Identity Server**.
- Optimized legal workflows and case management by implementing agentic solutions with **n8n** to automate processes in multi-sector companies.

FullStack Developer, Ecos Productions – Havana, Cuba Mar 2025 – June 2025

- Worked on the development of the **Gesel system** for the Cuban Law Firms Association, a legal management solution built with **Angular.js**, **Tailwind CSS**, **Express.js**, and **MySQL**.

Software Engineer, AICA+ Pharmaceutical Laboratories – Havana, Cuba May 2024 – Mar 2026

- Developed **Aica Docs**, an auditable document management system for the company using .NET, **Razor Pages**, **PostgreSQL**, and **MinIO**.
- Co-developed **EAP**, the Production Assurance Strategy System, which determines if drug demand can be met given a set of constraints, based on uncommitted warehouse resources. Used technologies .NET, Nest.js, Next.js, **PostgreSQL**, and **MongoDB**.
- Implemented the **SM+ chatbot** with **n8n**, allowing users to query the current status of medicines produced by the company using natural language and generate reports, with configurable security and access levels due to data confidentiality.

Backend Developer | Project Manager, Medialityc – Havana, Cuba

Oct 2024 – June 2025

- Led the initial backend development of **ZasExpress**, a shipping platform for Cuba. The project was built in **.NET** using a **microservices architecture**, where I contributed to the **Identity Server** and **Tracking** solutions.
- Developed a platform for historical analysis of currency prices in Cuba, both formal and informal markets. Built with **Next.js** and **PostgreSQL**.
- Led the development team for **Reymani**, a platform for selling food products where the parent company acted as an intermediary between supplier restaurants and customers.
- Developed the backend of **Asere Food**, an e-commerce platform for selling food and combos in Cuba. Built with **Nest.js** and integrated **Tropipay** and **Zelle** payment gateways.
- Built the backend of **Con Mireya**, a public directory for promoting websites, WhatsApp groups, and Telegram channels. Used **FastAPI** and implemented a metadata extraction engine for links.
- Developed the backend of **Tienda Catálogo**, a customizable e-commerce platform for clients. Built with **Spring Boot** and integrated AI services for product description suggestions.

Django Backend Developer, AlsoftPro – Havana, Cuba

Dec 2023 – July 2024

- Co-developed the backend for the **Contracting and Services modules** of **ALCOM** (Havana Water Company) using **Django Rest Framework**, building robust APIs to support company operations.

Professor, Faculty of Computer Engineering, CUJAE – Havana, Cuba

Jan 2023 – Mar 2025

- Taught Computer Engineering courses
 - Introduction to Programming (1st year)
 - Interface Design and Testing (1st year)
 - Object-Oriented Programming (1st year)
 - Data Structures (2nd year)
 - Web Programming (3rd year)

Skills

Backend: .NET, Nest.js, Spring Boot, FastAPI, Django

DB: PostgreSQL, MongoDB, MySQL, SQLServer, MariaDB, Sqlite, Redis

ORM: Entity Framework Core, Dapper, TypeORM, Prisma, Sequelize, SQLAlchemy, SQLModel

Frontend: React.js, Next.js, Vue.js, Nuxt.js, Angular, Astro, Tailwind

Cloud & Infrastructure: AWS S3, AWS CDN, MinIO, RabbitMQ, Docker, Portainer

Devops: Git, Github Actions, Gitlab CI/CD

Agents: n8n, Telegram API, Whatsapp API, Evolution API, Vapi, Google Services

Testing: Jest, Cypress, Playwright, xUnit, NUnit, Pytest, JUnit

Project Management & Communication: Slack, Redmine, Trello

Language: English C1, Spanish C2

Legals: Cuban and Spanish Dual Citinzenship. Cuban and Spanish Passports.