

Rafael Rodríguez Pérez

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PROFESSIONAL SUMMARY

Full-Stack Developer focused on delivering polished, scalable web products that translate complex requirements into intuitive user experiences. Proven track record of shipping end-to-end solutions that increase operational efficiency and user satisfaction. Proactive collaborator in cross-functional teams, committed to rapid iteration, high-quality code and measurable business outcomes.

SKILLS

Technologies: Nest.js, Express.js, .NET, React, Next.js, Astro, Strapi, TypeScript, JavaScript, HTML, CSS, Tailwind, Figma, Node.js, Python, Django, RESTful APIs, PostgreSQL, MongoDB, AWS S3, CI/CD, Docker, Git

Languages: English (B1 - Professional), Spanish (Native)

EDUCATION

Technological University of Havana (CUJAE)
Computer Sciences Engineer

Havana, Cuba
Feb 2023 - Present

SELECTED EXPERIENCE

AICA Pharmaceutical Laboratories
Software Engineer

Remote, Havana, Cuba
Feb 2025 – Present

- Refactored and completed a partially implemented Export Management System, normalizing the data model, optimizing queries and caching strategies, reducing report generation time by 40%
- Designed and implemented a Laboratory Information Management System to manage test requests, quality specifications and results, sample traceability, equipment and reagents, and automated reporting and approval workflows improving compliance and traceability
- Implemented and administered CI/CD pipelines in GitLab, containerization with Docker, and deployment/monitoring with Portainer; defined branching strategies and automated testing, reducing deployment time from 1 hour to 12 minutes

Technical Skills: Nest.js, Next.js, Strapi, TypeScript, PostgreSQL, Docker, CI/CD, MinIO

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Full-Stack Developer

Remote, Havana, Cuba
Dec 2024 – Apr 2025

- Designed and led from scratch the architecture and development of a SaaS food platform with .NET API and Next.js backoffice; defined requirements, domain modeling and delivered a scalable MVP for commercial launch
- Implemented AWS S3 integration for asset storage, Docker containerization and CI/CD pipelines with Github Workflows for reproducible deployments and efficient artifact management
- Built core features for customers, business administrators, couriers and system admins (provider management, Customizable combos, logistics and order tracking), improving UX and day-to-day operations

Technical Skills: .NET, Next.js, TypeScript, C#, PostgreSQL, AWS S3, Docker, CI/CD