Jonathan Pérez

Mérida, México

📞 +52 2999 159 6892 ✉ jonathanapmendez20@gmail.com 🔗 jonadev19 ⚙ GitHub 💼 LinkedIn 🔗 Website

SKILLS

Programming Languages :	TypeScript, Python, Java
Frameworks & Libraries :	Node.js, Express, Django, React Native, Expo, Angular, React, Fastify
Tools & Platforms :	Docker, Git, GitHub, Traefik, CI/CD, Railway, Render, Zod, Drizzle
Databases :	PostgreSQL, MongoDB, Supabase, MySQL, Redis, SQLite
Soft Skills :	Communication, Teamwork, Problem Solving, Adaptability

PROJECTS

Kaelo – Cycling Routes & Local Commerce Platform | ⚙ Github — Aug 2025 - Present
Developer

- Developed a **cross-platform mobile app** to connect cyclists with routes and local businesses in Yucatán, integrating **Mapbox** for GPS navigation and offline map support.
- Engineered a **serverless backend** using **Supabase** (PostgreSQL/PostGIS), implementing Auth, Storage, and Edge Functions to facilitate roles for Cyclists, Merchants, and Route Creators.
- Constructed a **feature-driven codebase** utilizing Zustand for state management, TanStack Query for server synchronization, and React Hook Form with Zod for type-safe validation.

Technologies / Tools Used : *React Native, Expo, TypeScript, Supabase, Stripe, Mapbox, Tanstack Router, Zustand*

URL Shortener API | ⚙ Github 🌐 Website — Mar 2026 - Mar 2026
Developer

- Designed and **deployed a production REST API** with **real-time click tracking** and access log analytics (IP, User-Agent) stored in a normalized **PostgreSQL** two-table schema
- Containerized the application with **Docker** and configured **Traefik** as a reverse proxy with automatic HTTPS via Let's Encrypt; deployed to **Railway** with custom subdomain
- Enforced strict **TypeScript** across the codebase with **ESLint** + typescript-eslint; separated concerns into lib/, types/, and generated **Prisma** client layers following **Clean Architecture** principles

Technologies / Tools Used : *Node.js, TypeScript, Express, Prisma, PostgreSQL, Docker*

Maya Learning Backend | ⚙ Github 🌐 Website — Oct 2025 - Nov 2025
Developer

- Built **REST API** with **25+** endpoints for a mobile app teaching Mayan language, featuring **JWT authentication**, role-based access control (Admin/Student), and automated grading system
- Implemented PDF report generation with student performance analytics; deployed to **Render** with **MongoDB Atlas** and **Gunicorn** in production

Technologies / Tools Used : *Django, MongoDB, Python*

EDUCATIONS

Universidad Tecnológica Metropolitana — Jul 2024 - Present
Multiplatform Software Development — *CGPA : 8.8/10*

- **5th Semester** • Eligible for **Internship**

PROFESSIONAL SUMMARY

Backend-focused software development student with hands-on experience building and deploying production REST APIs using **Node.js**, **TypeScript**, **Django**, and **PostgreSQL**. Strong foundation in containerization (**Docker**), reverse proxy configuration (**Traefik**), and cloud deployment. Seeking an internship to contribute to real-world backend systems while completing a **Multiplatform Software Development** degree.

CERTIFICATIONS

Introduction to Node.js — Jan 2026
Frontend Masters

JavaScript Moderno: Guía para dominar el lenguaje — Dec 2024
Fernando Herrera

LANGUAGES

- Spanish (Native)
- English (Professional Working Proficiency)