

Full-Stack Developer & Cloud Engineer

Marco Antonio Pozol Narciso

Email: marcoantoniopozolnarciso@gmail.com

Phone: +52 712 192 14 70

Full-Stack Developer & Cloud Engineer experienced in designing and implementing distributed, serverless systems. Focused on fault-tolerant architectures, operational reliability, and scalable SaaS platforms.

EXPERIENCE

FullStack Developer | Regamsa Medical

01/2026 - Today

Mobile-First ERP & Workflow Automation

- Engineered a custom Mobile-First (React Native) ERP system to streamline workflows from purchase orders to delivery, reducing bottlenecks and improving coordination across engineering and operations teams.
 - Implemented real-time operational visibility using MQTT, enabling stakeholders to monitor assembly and logistics status and make faster, data-driven decisions.
 - Automated technical report generation, significantly reducing manual effort for the mechatronics team and allowing them to focus on higher-value engineering tasks.
 - Designed and deployed a hybrid backend architecture (FastAPI on-premise + AWS Lambda), ensuring reliable communication between on-site manufacturing systems and remote services.
-

FullStack & Cloud Developer | Regamsa Medical

11/2025 - Today

IoT SaaS Ecosystem

- Designed and implemented an end-to-end IoT SaaS platform integrating AWS IoT Core with payment and invoicing services (Openpay + Facturapi), enabling automated subscription-based device management.
 - Developed automated provisioning and access control mechanisms, including certificate lifecycle management and service deactivation upon payment expiration, protecting system integrity and business logic.
 - Integrated real-time payment processing and invoicing workflows using WebViews and webhooks, reducing manual intervention for administrative and accounting processes.
 - Built scalable serverless infrastructure with AWS Lambda and Aurora DSQL to manage device and user state efficiently under growing system demand.
-

SKILLS

Backend: Python, Django, FastApi, Nodejs

Frontend: TypeScript, JavaScript, React

Mobile: React Native

Databases: PostgreSQL, MongoDB, Redis

Devops: AWS, Docker, GitHub, CI/CD

EDUCATION

Computer Systems Engineering

Expected Graduation - 06/2026

Universidad Virtual del Estado de Guanajuato (UVEG)