

MATEO S. CANTOS M.

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Systems Engineering · Backend · Networking & Security · Game Development

PROFESSIONAL PROFILE

Advanced Systems Engineering student focused on backend development, network administration and cybersecurity, with a long-term vision in video game development. I independently maintain an active homelab environment with Linux infrastructure, VLANs and firewall, focused on security and privacy. I combine solid technical foundations in Python, Go and systems administration with real experience in high-demand environments, and I am seeking my first role in technology where I can grow in backend, networking or security.

EXPERIENCE

Customer Service

May 2025 – Present

KFC · Quito, Ecuador

Worked in a high-volume environment, handling POS systems and ordering platforms daily. Collaborated with the team to optimize processes and reduce service times.

- Operation of POS systems and transaction recording
- Real-time issue resolution
- Teamwork under pressure in a high-demand environment

Customer Relations Specialist

January 2024 – March 2025

Hunter — GPS Tracking for Heavy Cargo · Quito, Ecuador

Managed the client portfolio of a company specialized in GPS tracking solutions for cargo vehicles, providing personalized service both in person and through social media. Coordinated follow-up on technical issues and acted as the liaison between clients and the support team.

- Direct client management and resolution of technical inquiries
- Client retention through proactive, personalized service
- Multichannel communication (in person, social media, phone)

Sales Analyst

April 2023 – January 2024

Dentips — Dental Clinic · Quito, Ecuador

Responsible for analyzing dental market trends to optimize sales strategies. Managed financial records, inventory control and supplier relationships, ensuring profitability and customer satisfaction.

- Financial data analysis and preparation of business reports
- Inventory management and supplier coordination
- Development and execution of sales strategies

PROJECTS

Dentips — Website and Appointment System for a Dental Clinic

2026 – Present

Client Project

Development of the official website for a dental clinic (dentipsec.com), including a visual redesign, image processing and an online appointment booking system. The booking form connects directly to Supabase and sends automatic Telegram notifications for each new appointment. Includes a private admin panel with login. Deployed on Hostinger with a custom domain, with code managed on GitHub.

- Visual redesign of the site and image processing
- Appointment booking system with a Supabase database
- Real-time notifications of new appointments via Telegram
- Private admin panel with authentication

- Patient acquisition: prize wheel, referrals, cleaning reminders and QR code for Google reviews
- Deployment on Hostinger with a custom domain and version control on GitHub

Task Manager API — REST API with Authentication and User Management April 2026 – Present *Personal Project*

Development of a complete REST API for per-user task management, built with Python and FastAPI on a PostgreSQL database. Implements JWT authentication, full CRUD operations and a professional project structure with layered architecture. Deployed locally and documented with Swagger UI.

- Design and implementation of a REST API with FastAPI and Python
- Authentication and authorization using JWT tokens
- Relational database modeling with PostgreSQL and SQLAlchemy
- Automatic endpoint documentation with Swagger / OpenAPI
- Version control and project management with GitHub

Homelab — Secure and Isolated Network Infrastructure September 2025 – Present *Personal Project*

Independent design, implementation and maintenance of a homelab environment on Ubuntu Server, with a Raspberry Pi as the central control node and a NAS server for local storage. The network is segmented with VLANs to isolate devices and services, with strict firewall rules ensuring zero internet exposure.

Focused on privacy, security and high availability of services.

- Administration of Ubuntu Server and Linux systems
- Network segmentation using VLANs and firewall policies
- Management of a Raspberry Pi as a control and monitoring node
- NAS server for backups and encrypted local storage
- Complete technical documentation of the infrastructure

TECHNICAL SKILLS

Languages: Python · Go · JavaScript

Databases: PostgreSQL · MySQL · Oracle

Operating Systems: Linux (Ubuntu, Fedora, Kali, Bazzite) · Windows Server

Networking & Security: Cisco Packet Tracer · Wireshark · VLANs · Firewall · LAN/WAN Networks

Virtualization: VirtualBox · VMware

Cloud: AWS · Azure · Google Cloud

Data & BI: Power BI · Advanced Excel

DevOps & Control: GitHub · Ubuntu Server · Raspberry Pi · NAS

EDUCATION & CERTIFICATIONS

Systems Engineering

Universidad Internacional del Ecuador (UIDE) · Quito, Ecuador

In progress

Data Analysis Diploma

IBM · Coursera

2023

LANGUAGES

Spanish — Native | English — Intermediate