

Luis Eduardo García Jiménez

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PROFILE

Computer Engineering student at UNAM building production-grade security infrastructure since his first year at university. Maintains a live cybersecurity dashboard at security.lalu.dev monitoring real-time SSH intrusion attempts. Finalist at the Banxico SPEI Hackathon 2025. Pursuing CompTIA Security+. Focused on DevSecOps, secure backend development, Linux systems, and cloud infrastructure.

ACHIEVEMENTS

- ▶ **Top 3 Finalist – SPEI Hackathon, Bank of Mexico (2025) — national competition with 200+ teams**
- ▶ Delivered 2 production systems in 1st year: a freelance POS for a real client and a 24/7 live security dashboard
- ▶ Homelab with 99.8% uptime over 6+ months — self-managed Proxmox + Docker + Cloudflare infrastructure

EDUCATION

B.S. Computer Engineering — UNAM | 2024 – Present

4th Semester · Expected 2028 · Systems, networking, cybersecurity, algorithms, software development

PROFESSIONAL EXPERIENCE

Freelance · Cloud-Based POS System | August 2025

Full-Stack Developer · Client: Laundromat chain · Google Cloud

- ▶ Designed and deployed a cloud POS for a real laundromat chain — customer management, orders, payments, and reporting.
- ▶ Security: AES-256 encryption · JWT auth · RBAC · input validation · sensitive data protection.
- ▶ Stack: Python · Google Cloud · PostgreSQL · Docker · REST APIs.

PROJECTS

Personal Homelab – Live Cybersecurity Dashboard | 2025 – Present

security.lalu.dev · github.com/L-A-L-U/security-dashboard

- ▶ Operate a 24/7 production server (Ryzen 9 8945HS · 32GB DDR5) running Proxmox + Docker + Nginx with 99.8% uptime.
- ▶ Real-time dashboard tracking SSH intrusions, CPU/RAM/disk metrics, and attack geolocation — HTTPS via Cloudflare Tunnel.
- ▶ Hardened with fail2ban · UFW · WAF · zero exposed ports. Stack: Python · FastAPI · PostgreSQL · Leaflet.js.

Finalist – SPEI Hackathon, Bank of Mexico · MVP Lead | Aug – Nov 2025

Accessible financial API for vulnerable populations · Top 3 nationally

- ▶ Stack: Python · SQL · Docker · Git · REST APIs · Postman.

Real-Time Multithreaded Client-Server Chat | Oct 2025

Academic Project

- ▶ TCP Sockets + multithreading · Client-Server pattern · object serialization · race condition resolution in Swing GUI.

SKILLS

Languages: Python · Java · C++ · SQL · Bash

DevSecOps & Infra: Docker · Proxmox · Linux · Nginx · Google Cloud · Git · Cloudflare

Human Languages: Spanish — Native · English — Advanced · French — Basic

Security: fail2ban · UFW · Firewalls · Wireshark · Metasploit · Hydra · Gobuster

Backend & APIs: FastAPI · REST APIs · PostgreSQL · WebSockets · JWT · RBAC

Concepts: Network Security · Intrusion Detection · Penetration Testing · OSI Model · CI/CD · WAF

CERTIFICATIONS

Intro to Linux · Linux Foundation · 2025 · Python · Google/Coursera · 2025 · Pre-Cybersecurity · TryHackMe · 2025 · Cybersecurity-101 · TryHackMe · 2025 · CompTIA Security+ SY0-701 · In progress