

LUIS GUTIERREZ

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Availability: Available for international relocation (flight at own expense)



PROFESSIONAL PROFILE

Computer Engineer with over 7 years of experience in full-stack development, infrastructure, and institutional cybersecurity. Specialist in process automation and robust architectures using Laravel, NestJS, AngularJS, Kotlin, databases, and server management. I apply artificial intelligence in a practical way to software development through the creation and maintenance of Skills, the integration of MCP (Model Context Protocol) servers, and the orchestration of agents to automate and accelerate workflows.

CORE SKILLS

- Backend & Development:** Laravel, Kotlin, NestJS, REST API development, JWT authentication, rate limiting, MVC architecture, and the Repository pattern.
- Frontend:** AngularJS, JavaScript, HTML5, CSS3.
- Artificial Intelligence & Agents:** Development and maintenance of Skills and MCPs (Model Context Protocol) for AI assistants, agent orchestration, use of assistants as coding copilots, and AI integration for workflow automation throughout the software development lifecycle.
- Databases:** Design, administration, and optimization of relational databases.
- Infrastructure & Servers:** Web server installation and configuration, DNS administration, firewall management, and Proxmox virtualized environments.
- Security & Management:** Cybersecurity planning, information security governance, technological risk analysis, GPG-based asymmetric encryption, and technical team coordination.
- Languages & Tools:** Git, GitHub, English (B2 - Upper Intermediate), Russian (A1 - Elementary).

PROFESSIONAL EXPERIENCE

Senior Software Developer August 2026 - Present

P&A Asociados Gerenciales, C.A.

- I am part of a software consultancy serving multiple clients, contributing my services to the IT team of Bancamiga Banco Universal, C.A., a top-tier financial institution.
- I support the analysis, development, and maintenance of the bank's technology applications, collaborating with multidisciplinary teams under agile methodologies and applying the quality and cybersecurity standards inherent to the banking industry, in an environment certified under PCI-DSS (Payment Card Industry Data Security Standard). In accordance with the confidentiality agreements in force, specific details cannot be disclosed.

Software Consultant and Developer March 2026 - August 2026

Independent (Freelance Development)

- Designed and implemented an ERP system specialized in automotive management for mechanical workshops, developed cross-platform for native Android, desktop, and web, replacing manual logbook record-keeping with an integrated digital solution.
- Developed the Reception and Service Orders (SO) module, the core of the system, which records mileage, fuel level, pre-existing damage marking (dents or scratches), issues reported by the customer, and the preliminary technical diagnosis.
- Implemented asset traceability: a unique link between each customer and one or more vehicles (license plate, engine, or VIN) along with their vehicle service history, so the mechanic knows the repairs performed on each specific vehicle.
- Integrated a CRM with messaging automation: automatic WhatsApp/SMS alerts on vehicle status changes, preventive maintenance reminders, and mass promotional campaigns using templates.

- Led the Information Security Management area, ensuring the confidentiality, integrity, and availability of institutional assets through policies, standards, and procedures aligned with the organizational strategy.
- Drove cybersecurity planning, continuous technology risk assessments, coordination of audits and controls, critical infrastructure oversight, staff training, and the design of contingency plans.
- Key achievement: designed and implemented a standardized GPG-based asymmetric encryption procedure for the secure exchange of sensitive information with external entities, reducing the risk of unauthorized access.

- Contributed to large-scale software projects using multiple technologies and modern development approaches.
- Key achievement: developed a high-demand REST API with rate limiting, JWT token authentication, and route-based permission management to improve security, scalability, and performance.
- Applied MVC architecture and the Repository pattern to maintain clean, decoupled, and easily maintainable code.

- Developed and automated institutional procedures with a strong focus on process improvement and information security.
- Evaluated developed solutions to identify vulnerabilities and mitigate security risks, in addition to providing specialized technical support to users of the implemented systems.

- Coordinated the development team by assigning, tracking, and controlling IT tasks, preparing progress reports for management.
- Gathered requirements directly from end users and supported the planning and architecture of technical solutions.
- Performed full-stack development and infrastructure administration, including web servers, DNS services, Proxmox virtualized environments, and relational database design.

EDUCATION

Master's Degree in Cybersecurity — CEUPE European Business School	
Computer Engineering — Universidad Nacional Experimental de la Gran Caracas (UNEXCA)	In progress (estimated completion: February 2027) Completed: February 2023
University Technical Specialist in Computer Science (TSU) — UNEXCA	Completed: December 2020
High School Diploma in Sciences — U.E.P. Dr. José Gregorio Hernández	Completed: July 2018

COURSES AND CERTIFICATIONS

- AI Development: Agents Program – BIG School, 2026
- Basic Linux Course – CONATEL, August 2023
- English as a Foreign Language Certificate (B2) – Centro Venezolano Americano (CVA), June 2019
- Elementary Russian (A1) – Alexander Pushkin Institute of Russian Language and Culture, December 2019
- Computer and Network Repair Technician – ICP Simón Bolívar, October 2015