MAYROL ANDRE ORTIZ DAZA

GRC Analyst & Full-Stack Developer | DevSecOps Focus | Lead Auditor ISO 27001 & 42001

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9th-semester Computer Engineering student, Universidad Ricardo Palma (Top Fifth, 8th semester). GRC Analyst with ISO 27001:2022 and ISO 42001:2023 certifications, with hands-on experience as a Full-Stack Developer under DevSecOps methodology on government and healthcare-sector projects. Applying security controls: input validation, JWT authentication, HMAC-SHA cryptographic signing, and clean architectures with process traceability. Winner of multiple national hackathons in GovTech, Web3, and environmental impact. English C1.

EDUCATION

Universidad Ricardo Palma Lima, Peru
Bachelor's Degree in Computer Engineering (9th Semester)March 2022 – Present

- Top Fifth – 8th Semester | Top Third – 7th Semester
- URP University Excellence Certificate – In progress (outstanding representation at national level)
- Institutional recognition: official URP publication on LinkedIn, Instagram, Facebook, and the institutional website for achievements in national hackathons.

Euroidiomas Lima, Peru
Advanced English Diploma Program — Level C1 October 2018 – May 2021

PROFESSIONAL EXPERIENCE

Ministry of Foreign Affairs (MRE) Lima, Peru
Full-Stack Developer Internship Agreement February 2026 – Present

- Development and maintenance of government systems under Clean Architecture with separation of domain, application, and infrastructure layers.
- **Frontend:** Angular SPA with reactive components, routing, and state management oriented to the citizen experience.
- **Backend:** C# .NET 9 API with CQRS + MediatR (Command-Query Responsibility Segregation), Entity Framework Core for ORM and migrations, Dapper for high-performance queries, and complex SQL Server stored procedures.
- **Security:** Authentication and authorization middlewares with JWT tokens; DevSecOps practices applied throughout the cycle.
- **Deployment:** Preparation of web and backend builds for promotion to the test environment; readiness for production deployment.

Private Project — Healthcare Sector (Polyclinic) Lima, Peru
Full-Stack Developer & System Designer – June 2026

- Designed and deployed to production an operational management system for a private polyclinic, gathering requirements directly with the client.
- **Module 1 — QR Generator (Desktop):** Desktop application that acts as a local orchestrator; generates certificates with an HMAC-SHA digital signature linked to the issuing PC's cryptographic identity and produces a QR code that can be physically affixed to the printed certificate.
- **Module 2 — Online Verifier (Web):** Public verification portal that validates authenticity by scanning the QR code. Includes an anti-AI module that confirms the UID was generated exclusively on the authorized primary PC, blocking externally fabricated certificates and ensuring immutability without blockchain.

TECHNOLOGICAL INNOVATION AND TECHNICAL LEADERSHIP

Transformagob 2026 Hackathon — PCM / Challenge MRE | Team DiploDevs Lima, Peru
Project Lead and Lead Developer — Finalist June 2026

- CA&DE Project (Apostille & State Digital Counselor): AI conversational agent for the MRE's Directorate of Consular Procedures, reducing the document rejection rate by 30% (~62,000 procedures/month).

- Designed a logical flow in 6 phases integrating the Groq API with FastAPI; multi-platform deployment on Web, Discord, Telegram, and WhatsApp.

Hackathon Proof of Builders 5th Edition — Syscoin | CEDIT Project
Project Lead and Lead Developer — 3rd Place National June 2026

- CEDIT (State Digital Counselor for Transparent Information): GovTech RAG agent to audit the viability of public investment plans for the MEF.
- Stack: Llama 3.3 (70B) + Pinecone + LangChain + Syscoin zkSYS PoB smart contracts for immutable blockchain certification of records.

Hackathon Proof of Builders 3rd Edition — Syscoin | TuPlayaLimpia Project
Project Lead and Lead Developer — 1st Place National March 2026 + 1st Place Elevator Pitch April 2026

- Decentralized environmental dApp with computer vision for plastic waste collection focused on beach cleanup and tokenized rewards on the zkSYS PoB DEVNET network; smart contract with no centralized backend.
- Invited as a featured speaker for the "success story" before 600 attendees at the Syscoin POB 5 x UCV Onboarding, surpassing 7 winning leaders from previous editions.

INSTITUTIONAL LEADERSHIP

IEEE Computer Society — Universidad Ricardo Palma Lima, Peru
Vice President April 2025 – Present

- Strategic direction of the student chapter; management of participation in high-performance competitions and promotion of AI and Blockchain adoption.

IEEE Monthly Branch Meeting (RMR) [URP X UTP] — URP Venue Lima, Peru
Co-Organizer and Host Venue National May 30, 2026

- Coordinated the logistics to establish the continuity of the RMR from my position as Vice President of the CS Branch at URP as the official venue for the national URP × UTP event. (Certificate pending)

TECHNICAL CERTIFICATIONS

Audit and Compliance (GRC):

- Lead Auditor ISO/IEC 27001:2022 — Information Security Management | Mastermind, 2025
- Lead Auditor ISO/IEC 42001:2023 — AI Management | Mastermind, 2025
- Information Security Associate ISO 27001 | SkillFront, 2025
- ISO/IEC 20000 IT Service Management Associate | SkillFront, February 2026
- SOC Specialist | Cisco, 2025 — SOC In Practice | IBM, 2025
- Splunk Fundamentals: Analyze & Visualize Data | EDUCBA / Coursera, 2026

Technical Specialization:

- Cybersecurity: Ethical Hacking (C|EH) + AI | UNI, Dec 2025 — Grade of Excellence: 18/20
- Risk Management and Due Diligence in State Procurement | MRE, May 2026

TECHNICAL SKILLS

GRC & Security: ISO 27001/42001, NIST CSF, SIEM (Splunk), OWASP, risk matrices, DevSecOps
Backend: C# .NET 9, Clean Architecture, CQRS, MediatR, EF Core, Dapper, FastAPI (Python), Node.js/Express
Frontend: Angular SPA, React JSX/TSX, RazorPages (C#)
Security in Code: JWT, HMAC-SHA, Digital Signatures, Business Validations, Middlewares.
AI & RAG: LangChain, n8n, Llama 3.3, Groq API, Pinecone, HuggingFace Embeddings, Roboflow, CrewAI
Blockchain: Syscoin zkSYS PoB, smart contracts, Web3.py
Databases: SQL Server, MongoDB, EF Core
Programming Languages: C#, Python, Java, JavaScript / TypeScript, Flutter
Data & BI: Power BI, Tableau, Excel
Languages: Spanish (native) | English C1 (advanced)