

Jose Manuel Zuniga

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PROFESSIONAL SUMMARY

Applied AI Engineer with experience in LLMs, agents, RAG, automation and application security. Designs and implements tool-enabled workflows with evaluation, traceability and human review to turn models into reliable systems.

TECHNICAL SKILLS

AI Engineering: LLMs, RAG, embeddings, hybrid retrieval, agents, tool use, LiteLLM, MCP, LLM evaluation, prompt engineering and guardrails. **Backend and infrastructure:** Python, JavaScript, TypeScript, React, FastAPI, PostgreSQL, Redis, Celery, Docker, SQL, Linux and VPS deployments. **QA and security:** Robot Framework, Selenium, Cypress, Postman, OWASP ZAP, Burp Suite and Nmap.

PROFESSIONAL EXPERIENCE

QA Analyst, Laser Argentina S.A.

July 2023 - Present | Buenos Aires, Argentina

- Design, execute and maintain manual and automated tests for internal systems, web applications and embedded products.
- Create test plans and cases, document results, follow up defects and collaborate with analysis, development, engineering and production teams.

Information Security Specialist, Independent

2024 - 2025

- Reviewed authentication, authorization and input validation; identified and documented application vulnerabilities.

Electronic Technician, Laser Argentina S.A.

2019 - 2023

- Performed diagnostics, repair, functional testing, quality control and inventory support for production processes.

RELEVANT PROJECTS

Anolis Studio. Full-stack web video editor with a non-linear timeline, Remotion rendering, audio, captions, transitions and a Gemma 4B AI assistant.

Agent Hub / agent_asistente. Hybrid RAG with document ingestion, chunking, embeddings, approved sources, support/sales/bug agents, multi-provider LLMs, traceability and human approval.

ChatGPT Browser Bridge. Bridge between a local API and ChatGPT to automate queries, attach images, capture responses, preserve state and recover from interface errors.

CV Studio AI. Application to create, adapt and publish CVs with reviewable AI proposals, job compatibility analysis and ATS exports.

Treseko. QA platform for manual, automated and AI-assisted execution, evidence, traces, reporting and release traceability.

Cyber AI Security Agent. Defensive agent for source analysis, evidence classification, risk prioritization and application/LLM-security reporting.

Biuler / Inmser. Digital platform for properties and services, alongside Biuler's brand identity and web presence.

Production tools. Designed a cable diagnostic tool and stock system to improve controls and consumption records.

EDUCATION AND CERTIFICATIONS

Higher Technical Degree in Software Development, Instituto de Formacion Tecnico Superior, 2021-2024.

Information Security Specialist, Educacion IT, 2023. **QA Automation Tester**, Codo a Codo 4.0, 2022.

AWS Academy Cloud Foundations, AWS, 2024. **Cybersecurity Analyst**, Cisco Networking Academy, 2024.

LANGUAGES

Native Spanish. English A2.