

JESUS OJEDA

Senior QA Automation Lead | AI & LLM Implementation Expertise

Summary

- **English Level:** C1
- **Location:** Santa Cruz de la Sierra, Bolivia
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- **LinkedIn:** [Profile](#)
- **Upwork:** [Profile](#)

Professional Summary

Automation Engineer with 10 years of experience, coupling a robust background in Software Quality Assurance with advanced expertise in Artificial Intelligence and Full-Stack Development. Proven record as a Senior QA Automation Lead, specializing in leading remote, diverse teams, optimizing CI/CD pipelines using Jenkins, and consistently achieving high code coverage. Currently focused on leveraging LLM/RAG solutions (OpenAI, LangChain, Claude) to automate complex business processes and build scalable Full-Stack applications (Node.js, Python, React). Available for full-time remote roles.

Work History

CEO & AI Engineer

FluxoLab Febrero 2025 – Presente

AI Automation & Software Team

- **Responsibilities**
 - Founded and led an AI-first software agency, pivoting traditional business models toward **AI-driven automation** and intelligent technical infrastructure.
 - Developed and integrated **LLM-based solutions** and **RAG (Retrieval-Augmented Generation)** systems to automate complex workflows and data analysis for clients.
 - Engineered a custom AI-integrated ERP for **missionbethesda.com**, automating administrative tasks and document processing.
 - Built and deployed **farmahorro.cloud**, an intelligent pharmaceutical ERP utilizing AI for inventory forecasting and logistics optimization.
 - Leveraged AI coding assistants and agents to accelerate the

development lifecycle of full-stack applications (Node.js, Python, PostgreSQL, Docker).

- **Technologies, Tools, and Frameworks**
 - **AI/ML:** OpenAI API, LangChain, RAG, Vector Databases.
 - **Stack:** Node.js, Python, PostgreSQL, Docker, Git.
- **Leadership Skills**
 - Directed product strategy with an **AI-first approach**, transforming business requirements into automated, scalable solutions.
 - Managed technical delivery for diverse sectors, ensuring high-quality deployments through AI-assisted testing and code reviews.

QA Lead

Upwork

March 2019 – October 2024

Components Team

- **Responsibilities**
 - Led a remote team of 4 QA engineers from India and Ukraine, managing manual and automated testing efforts to ensure high product quality.
 - Developed structured test plans to have 95% of code coverage
 - Implemented accessibility testing, integrating AXE framework into automation workflows.
 - Conducted regular code reviews, provided mentorship, and organized knowledge-sharing sessions to upskill team members.
 - Managed the release process by creating a CI/CD pipeline with Jenkins to automate the release process.
- **Technologies, Tools, and Frameworks**
 - Selenium, Cypress, AXE, Jenkins (CI/CD), Jira, Confluence, Scrum, Kanban, JavaScript.
- **Leadership Skills**
 - Coordinated tasks and fostered a collaborative environment for a remote, diverse team.
 - Provided ongoing training, technical guidance, and performance feedback to team members.
 - Organized and led release activities, ensuring smooth deployment cycles and product stability.
 - Drove high standards in testing and documentation, aligning QA practices with overall project goals.
- **Achievements**
 - Successfully streamlined the release process, reducing deployment time and minimizing post-release issues through proactive testing and automation improvements.
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QA Engineer Tester

Upwork

April 2016 – March 2019

Mobile Team testing

- **Main Responsibilities**
 - Conducted automated testing on Android, iOS, and mobile web using Appium.
 - Performed API testing with Postman, along with manual and automated testing for comprehensive test coverage.
- **Technologies, Tools, and Frameworks**
 - Selenium, Appium, Postman, Jira, Confluence, Jenkins (CI/CD).
- **Development Methodology**
 - Agile methodology (Scrum) for efficient adaptation of tests to sprints.
- **Achievements**
 - Recognized as MVP for pre-release testing a feature, identifying critical bugs and enhancing release quality.

Technical Support

Upwork

March 2015 – March 2016

Tech Support team

- **Main Responsibilities**
 - Reproduced production bugs and documented them with technical data for developer resolution.
- **Skills Developed**
 - Troubleshooting, technical communication, Agile methodologies (Scrum), Jira, Confluence.

QA Tester

Elance-oDesk

April 2014 – March 2015

QA Tester

- **Main Responsibilities**
 - Conducted manual testing across the platform to ensure functionality and stability.
 - Developed automation scripts using TestNG in Java and later Protractor for Angular, utilizing Selenium to standardize cross-team testing.
- **Technologies, Tools, and Frameworks**
 - TestNG, Protractor, Selenium, Java, Angular, Jira, Confluence, Jenkins
- **Development Methodology**
 - Worked within Agile methodologies, primarily Scrum, to adapt testing cycles to fast development.

Educational History / Training Courses

ISTQB (International Software Testing Qualifications Board)

Certified Tester Course (In Progress)

UAGRM School of Engineering

Diploma in Software Quality Assurance.
2014

Gabriel Rene Moreno University

Software Engineer
2019 – 2014

Languages

Spanish: Native

English: Advanced

Skills

Technical Stacks

AI & Automation Stack (Core Expertise)

- **LLM Integration:** OpenAI API (GPT-4), Claude API, LangChain, CrewAI (Multi-agent systems).
- **Vector Data:** Supabase Vector, Pinecone, FAISS for RAG (Retrieval-Augmented Generation).
- **Automation:** Python-driven web scraping, AI agents for process automation, and Zapier/Make for workflow orchestration.

Full-Stack Development

- **Backend:** Node.js, Python (FastAPI/Flask), C# (.NET for trading integrations).
- **Frontend:** React.js, Tailwind CSS (Modern UI/UX with scrolling storytelling).
- **Database & Infrastructure:** PostgreSQL, Supabase, Docker (Containerization), Git, Google Cloud Platform / VPS.

QA & Software Engineering (Foundational)

- **Testing:** Selenium, Playwright, Cypress, Appium (Mobile).
- **SDLC:** CI/CD Pipelines (GitHub Actions), AI-Assisted Debugging.

Methodologies

- **AI-Enhanced Development: Context Engineering** (specialized in designing high-fidelity prompts and data-rich contexts for LLMs), and **Prompt Engineering** for complex logic orchestration.
- **Documentation & Architecture: SDD (Software Design Document)** approach for architecting AI-integrated systems, ensuring scalability and RAG consistency.
- **Quality Assurance: TDD (Test-Driven Development)** and **BDD (Behavior-Driven Development)** using AI-assisted testing frameworks to ensure zero-defect deployments.
- **Agile Frameworks: Scrum and Kanban** mastery, leading sprints with a focus on rapid prototyping and iterative AI model refinement.
- **Lifecycle Management: Full SDLC** oversight with an AI-first mentality, from technical requirement gathering to automated CI/CD deployment.

Soft Skills

- Strong analytical and problem-solving skills.
- Excellent communication and team collaboration.
- Attention to detail and result-oriented mindset.