

Axel Javier Cuevas Terrero

Santo Domingo, Dominican Republic

☎ +1-849-209-3635 | ✉ axeljcuevast@gmail.com | 🌐 axl-devhub.me | **in** linkedin.com/in/axl-devhub | 📄 github.com/axl-devhub

Professional Summary

Results-driven Software Engineer and System Architect with 3+ years of experience in TypeScript and Python development. Specialized in scalable backend architecture, event-driven systems, containerization, and AI integrations. Proven expertise in building mission-critical enterprise platforms (WMS, Payment Gateways), implementing semantic analytics layers, and orchestrating multi-agent AI ecosystems.

Professional Experience

Axiomic LLC

Founder & Lead AI Architect

Remote

June 2026 – Present

- Founded and architected DeUna, an autonomous conversational AI sales closer for LATAM SMEs, operating natively inside WhatsApp to automate DMs, scheduling, and high-ticket sales.
- Engineered a low-latency voice pipeline using Whisper v3 Turbo and ElevenLabs to clone business owners' voices, processing heavy regional dialects for auditory authenticity.
- Implemented a bounded-haggling algorithm within the RAG engine, allowing the AI to dynamically negotiate using sales psychology while mathematically protecting the hidden price floor.

Rivero

System Architect & Full Stack Developer

Remote (Santo Domingo, DR / Miami, FL)

Oct 2025 – Present

- Engineered a proprietary 3D pallet dimensioning system (hardware and software) using Orbbec ToF depth cameras, WebSockets, and a custom Python 3D extraction algorithm. Architected the system to deliberately bypass a competitor's US Patent, saving \$25k+ per station and generating immediate B2B licensing interest from the DR's largest supermarket chain.
- Architected Orchy, a permission-gated AI orchestrator built natively on OpenClaw and Hermes primitives. Engineered strict security scopes across all Model Context Protocol (MCP) integrations, enabling the AI to safely execute backend operations—such as Google Workspace provisioning—directly from Slack. Implemented an autonomous self-learning loop that dynamically updates the agent's context, successfully resolving **40% of low-complexity engineering tickets** while mathematically preventing unpermitted LLM hallucinations.
- Took complete end-to-end ownership of a mobile-first Warehouse Audit System replacing inefficient blind counts. Developed a smart routing algorithm that prioritizes inventory based on dynamic risk factors, utilizing **BullMQ** for asynchronous pallet re-scoring and audit logging. Resolved critical database-level anomalies (e.g., multi-location ghost pallets), increasing inventory traceability and physical accuracy by **80%**.
- Architected a scalable semantic reporting engine using **Cube.js** connected to a PostgreSQL read-replica, leveraging pre-aggregations for high-performance querying. Built an interactive frontend with **AG Grid** and **ECharts**, featuring deep drill-down capabilities (category to specific SKU) and actionable UI views allowing stakeholders to execute bulk liquidations and offers directly from the charts, **increasing revenue by ~20% in under two months**.

IQ BIAI Solutions

Freelance Backend Developer & System Architect

Remote

June 2025 – Present

- Architected a multi-tenant payment API in **NestJS** that unified 3 major Dominican gateways (Cybersource, CardNET, Azul) under a single interface, reducing client integration complexity by 70%.
- Engineered a robust security architecture implementing an HMAC-based API Key system and an end-to-end tokenization flow with Cybersource Flex Microform, **reducing PCI DSS compliance scope to SAQ A**.
- Designed a highly available webhook dispatch system using a message queue (**BullMQ with Redis**), ensuring 100% delivery reliability with exponential backoff for critical payment and refund notifications.

McTekk SRL

Agentic AI Developer

Remote

Sep 2024 – Present

- Developed a real-time bidirectional audio communication layer using **WebSockets and the Gemini Live API**, reducing voice response latency by 60%.
- Engineered robust data pipelines utilizing **Dagster, dbt, and ClickHouse**, applying advanced A/B testing and transformation models.

Notable Projects

Aidden Multi-Agent AI Assistant <i>FastAPI, Next.js, LangGraph, ADK, MCP, A2A, Gemini Live, Docker, Three.js</i>	2025
- Engineered a multimodal AI assistant with bidirectional audio communication, orchestrating 8 specialized agents communicating via A2A. Each agent acts as an isolated microservice running in its own Docker container. - Developed specialized nodes for financial data analysis, filesystem operations, and an Obsidian knowledge base integration with real-time synchronization. - Built an interactive 3D visualization interface using Three.js for intuitive agent workflow monitoring. - Showcased advanced AI orchestration capabilities to 400+ attendees at a major industry technology fair.	

Technical Skills

Languages: TypeScript, JavaScript, Python, C#, SQL, HTML/CSS
Backend/Frameworks: NestJS, FastAPI, Node.js, Next.js 16, React 19, Express, ASP.NET Core
Databases & Messaging: PostgreSQL (with pgVector), AWS RDS, Redis, ClickHouse, Pinecone, Apache Kafka, BullMQ
Architecture & Cloud: Event-Driven Architecture, WebSockets, Microservices, Docker, Linux, GCP, AWS
AI/ML Technologies: RAG, Realtime TTS, LangChain, LangGraph, Unsloth, MCP, A2A

Education & Certifications

Pontificia Universidad Católica Madre y Maestra (PUCMM) <i>Bachelor of Science in Computer Science Engineering (GPA: 4.0/4.0)</i>	Santo Domingo, DR <i>Jan 2026 – Present</i>
Y Combinator Startup School <i>Summer 2026 Cohort — Connected with top founders worldwide</i>	San Francisco, CA <i>Jul 2026 – Aug 2026</i>
Instituto Técnico Salesiano (ITESA) <i>Associate’s Degree in Software Development and Programming (GPA: 3.9/4)</i>	Santo Domingo, DR <i>Aug 2023 – Oct 2025</i>
- C2 English Certificate (Band 9.0) — Academia Europea (2023) - Cybersecurity Fundamentals — LAC4 (2024) - JavaScript: The Hard Parts — Frontend Masters (2024) - Complete Intro to Containers — Frontend Masters (2024)	