

JOAQUIN CUBERO

AI Developer

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EXECUTIVE SUMMARY

AI Developer with 25 years of software development experience and 3 years specializing in AI agent development. Expert in building production-grade AI systems using LangChain, multi-agent orchestration, and machine learning implementations. Master of Cursor IDE - leveraging AI-powered development tools for rapid, high-quality code delivery. Began AI journey at Magaya Corporation using GitHub Copilot as AI coding assistant, and implemented n8n workflows for administrative process automation, establishing foundation for AI expertise. Proven track record deploying AI solutions in e-commerce platforms (ParadigmStore) and financial services (Axos Bank). Strong background in full-stack development, API integration (REST, GraphQL), and modern AI frameworks. Specialized in fraud detection systems, conversational AI, computer vision, and autonomous agent architectures.

PROFESSIONAL EXPERIENCE

AI Developer

ParadigmStore

January 2024 - Present | Remote, San Jose, Costa Rica

- Architected and deployed production multi-tenant e-commerce AI platform with 12 specialized AI agents serving real users
- Built LangChainOrchestrator for agent workflow orchestration using AgentExecutor, tools, and prompt chains (production code)
- Implemented dual memory systems: MemGPT (working/archival memory, auto-summarization) and GilgameshAI (memory decay, contextual categorization)
- Developed multi-modal computer vision: Gemini 2.5 Pro (face recognition, product image search, layout extraction) + LLaVA (self-hosted) + YOLO fallback
- Created AI-powered customer service agent with natural language processing, WhatsApp integration, and intent detection (Gemini 2.5 Pro)
- Built payment processing agent with Stripe, BAC Credomatic, PayPal, SINPE integration and 13% IVA tax calculation
- Implemented product catalog agent with intelligent search, admin dashboard, and shopping carousel (2,500+ products)
- Developed marketing automation agent with BigQuery analytics, Mailchimp integration, and 50K+ contact campaigns
- Built order management, shipping, delivery, SEO, CRM, tax, and image processing agents with full e-commerce lifecycle
- Deployed production system on DigitalOcean/Contabo VPS with 99.9%+ uptime, Docker, Nginx, Prometheus monitoring
- Integrated REST and GraphQL APIs for multi-system orchestration (payment, CRM, inventory, order management)

AI Developer

Axos Bank

December 2024 - October 2025 | Remote, United States

- Developed and deployed production fraud detection AI agent with universal SDK support (C#, Python, JavaScript, Java, PHP, Ruby, Go)
- Implemented ML models (XGBoost, Neural Networks, Graph Neural Networks) achieving 95.2% accuracy with <600ms response time
- Built multi-modal fraud detection system (transaction, behavioral, conversational, audio) serving 500+ users in production
- Created neural network memory management systems for enhanced AI performance and adaptive learning
- Led technical architecture decisions for AI-powered financial applications with enterprise-grade security
- Integrated AI agent frameworks for automated customer service solutions and fraud analysis
- Mastered Cursor IDE as primary development environment, leveraging AI-powered coding assistance for rapid, high-quality development

Sr Xamarin and Maui Developer

Magaya Corporation

August 2021 - July 2024 | United States

- Led Xamarin.Forms and .NET MAUI development for Flow WMS warehouse management system
- Integrated GraphQL APIs for efficient data querying and real-time updates in enterprise mobile applications
- Spearheaded migration from Xamarin.Forms to .NET MAUI for cross-platform mobile applications
- Designed mobile architecture patterns (MVVM, Clean Architecture) for iOS, Android, and Windows platforms
- Collaborated with UI/UX designers and product managers to refine user interfaces and enhance operational efficiency
- Provided technical leadership and mentorship to junior developers
- Coordinated with Autonoma to implement AI-driven end-to-end (E2E) testing solutions
- Began AI journey using GitHub Copilot as primary AI coding assistant, accelerating development and learning AI-powered development patterns
- Implemented administrative workflow automation using n8n (low-code/no-code orchestration platform) for business process automation, connecting multiple systems and streamlining operations

Freelance Mobile Developer

Various Clients (Intelisoft S.A., YPrime, Proto-brz, Practice Law Institute, BIS S.A.)

February 2015 - August 2021 | Remote

- Developed Xamarin.Forms applications for Tributación Directa and Factura Electrónica (electronic invoicing and taxation)
- Created UberWash app with Uber-like functionality for car wash scheduling
- Built native iOS applications using XCode and Swift for INSURANCE Costa Rica (emergency services)
- Developed chat-based iOS applications for Zermat and Teledolar using Telegram Open Source
- Created cross-platform applications for clinical studies, book sharing, and product review management

TECHNICAL SKILLS

AI Frameworks & Tools	Programming Languages
LangChain (Production - AgentExecutor, Tools, Chains)	Python (3 years)
MemGPT, GilgameshAI (Memory Systems)	JavaScript, TypeScript

LLaVA, YOLO (Computer Vision)	C#, Java
OpenAI API, Google Gemini 2.5 Pro	SQL
TensorFlow, PyTorch, Scikit-learn	
Multi-agent orchestration (12 production agents)	REST APIs
AgentExecutor, Prompt Engineering	GraphQL (Magaya Corporation)
Autonomous task orchestration	Webhooks, WebSocket
Natural Language Processing (NLP)	Payment Processing (Stripe, BAC, PayPal, SINPE)
Intent Detection (ML-based + LLM fallback)	
Conversational AI (WhatsApp integration)	
Speech-to-Text (Whisper), Text-to-Speech (TTS)	
Voice AI Integration, Audio Processing	
Digital Signal Processing (DSP)	
XGBoost, Neural Networks, Graph Neural Networks (GNN)	Docker, Kubernetes
Ensemble Methods, Feature Engineering	Nginx, Prometheus
Model Training Pipelines, Auto-retraining	DigitalOcean, Contabo VPS
Model Drift Detection, Performance Monitoring	AWS, Azure, Google Cloud
Random Forest, SVM, Logistic Regression	
BigQuery, PostgreSQL, Redis	
Data Pipelines, Real-time Processing	
.NET MAUI, Xamarin.Forms	Cursor IDE (Master - Primary IDE)
iOS (XCode, Swift)	GitHub Copilot (Early Adopter - Magaya)
Cross-platform Architecture	Windsurf Power User (Udemy)
	Git, CI/CD, AI-Assisted Development
n8n (Workflow Automation - Magaya)	
Make (Low-Code Workflows)	
Business Process Automation	

KEY ACHIEVEMENTS

- Built production fraud detection system serving 500+ users with <600ms response time and 95.2% accuracy

- Architected 12-agent AI platform (ParadigmStore) with LangChain orchestration, dual memory systems, and multi-modal vision
- Mastered Cursor IDE as primary development tool, enabling rapid AI agent development and production deployment
- Deployed production e-commerce platform with 2,500+ products, multi-payment processing, and full order lifecycle
- Implemented GraphQL API integration at Magaya Corporation for enterprise warehouse management systems
- Developed computer vision systems using Gemini 2.5 Pro (face recognition, product search) + LLaVA + YOLO
- Created AI agent ecosystem with customer service, payment, marketing, fraud detection, shipping, and order management
- Achieved 99.9%+ uptime with production deployment on VPS, Docker, Nginx, and Prometheus monitoring

EDUCATION

Master of Business Administration in AI for Business

Universidad Panamericana | 2023 - Present | Remote

BA in Systems Engineering

Universidad Internacional De Las Americas (UIA) | 2007 | San José, Costa Rica

Electro-Mechanical Engineering

Universidad Fidélitas | 2004 | San José, Costa Rica

CERTIFICATIONS & ACHIEVEMENTS

- AI Spark Diploma - Coforge University
- Information Security and Privacy Diploma - Coforge University
- Windsurf Power User - Udemy
- Diploma in Precision Mechanics - INA (Instituto Nacional de Aprendizaje)
- Diploma in English Language - British Institute
- Master of Cursor IDE - Primary development environment, expert in AI-powered coding assistance and rapid development
- Google Cloud AI/ML Specialization (In Progress)
- Advanced Python Programming Certification

LANGUAGES

Spanish (Native) | English (Fluent) | French (Intermediate)