

Arnold Blandon Palacios

Senior Backend Engineer

Bogota, Colombia

Senior backend engineer with 9+ years building distributed systems and financial platforms in Python, now combining payments expertise with production AI engineering.

EXPERIENCE

Squad Lead / Senior Python Developer
Tangelo Latam

Nov 2020 — Present
Bogota, Colombia

Lead backend engineering for payment and credit-line systems, owning payment processing, disbursements, reconciliation and credit lifecycle flows. Design resilient, high-volume financial services around idempotency, consistency, observability and failure recovery while leading architecture decisions.

Software Developer
Mesfix

Sep 2017 — Nov 2020
Bogota, Colombia

Automated payment operations and manual financial workflows using Python, Selenium and web scraping, while developing backend services and internal tools for financial operations.

EDUCATION

UNIR
Machine Learning Specialization

Jan 2024 — Present

Universidad Cooperativa de Colombia
Systems Engineer

Sep 2010 — Jun 2015

PROJECTS

AI-driven conversational platform backend, Agentic Conversational Platform
Built backend capabilities using agents, reusable skills and tools for complex multi-step workflows. Combined deterministic business logic with probabilistic LLM reasoning, structured outputs and conversational context for reliable production interactions.

iPhone companion for MS patients, Multiple Sclerosis Day by Day
Treatment calendar, heat alerts from local weather, and moderated community. Features QR reader that extracts restaurant menus from HTML, PDFs and images without AI and falls back to reading the page on the phone itself.

Survival roguelike teaching trading discipline, Survive Trading
One-month, \$1,000 run that punishes leverage, built as an offline PWA replaying real market episodes (COVID, GameStop, LUNA) with deterministic 1v1 bot duels.

SKILLS

Python · FastAPI · Payment Systems · Credit Systems · Distributed Systems · AI Agents · LLM Orchestration · MCP / Tool Use · AWS · Azure · SQL · MongoDB · AI Engineering · Agentic Workflows · Structured Outputs · Context Management · Deterministic Guardrails · Selenium · Web Scraping · Backend Development · Financial Services · System Design