

Jacobo Cohello Revolledo

Software Engineer | Full Stack · Backend · Automation & AI

+51 973 395 235 · reeejcooob@gmail.com · linkedin.com/in/rejcob · Peru · Open to remote · English C2

PROFILE

Software Engineer with 2 years of experience building and operating production systems at a digital marketing agency. I have worked on integrations across multiple communication channels (WhatsApp, TikTok, Twilio, SMTP), workflow automation with n8n, multi-tenant architectures, and LLM-powered pipelines. I use AI as a daily development tool — Claude Code, Cursor and Claude models for both coding and internal process automation.

EXPERIENCE

Software Engineer (Full Stack & Automation)

Jul 2024 – present

Monstruo Creativo Agencia de Publicidad · Lima, Perú · Remote

- Grew from sole engineer to technical lead as the team scaled to 5 — coordinating engineers, designing system architecture, and co-designing technical interviews for engineering hires
- Automated client onboarding with n8n (WhatsApp group + Drive folder, invites, welcome message), cutting 7 manual steps down to 1 click and eliminating human error.
- Built the embedding pipeline for a RAG system (OpenAI + Qdrant), with hybrid chunking (semantic segmentation via Unstructured + overlap) and multi-query retrieval (reformulating each query into semantic variants to improve recall) to hydrate the LLM agent's context, powering a chatbot that answers based on each client's own brand and technical documentation.
- Built and tested a TikTok Business Messaging API integration for a multi-tenant SaaS platform, enabling centralized message management across multiple clients (pending platform-wide production rollout).
- Built an end-to-end call tracking system (Twilio + custom Android app on rooted devices + Kommo CRM webhooks), logging every call (number, duration, status, audio, Whisper transcription, and AI-generated summary) and quote status changes, storing only recording URLs — not the audio files — to minimize storage costs. Centralized every client touchpoint into a unified timeline across the lead → prospect → customer funnel, designing a sales performance dashboard (calls made, quotes by status, meetings scheduled) per salesperson.
- Designed and implemented a proprietary credit system normalizing heterogeneous usage across multiple AI providers — GPT-5.4 and embedding tokens (OpenAI), scraped pages (Firecrawl), page/document size (Unstructured), transcription tokens (Whisper), and token/second video usage (Google Vertex) — into a single internal currency, enabling controlled-margin resale of AI usage while preventing unlimited per-user consumption.
- Built a centralized email inbox system aggregating multiple team accounts into a single view, with admin-controlled access permissions, real-time new-email alerts via WebSockets, plus SMTP-based transactional emails and notifications within automated workflows.
- Designed and implemented internal systems for payment management, quoting, and incident tracking used daily by multiple agency teams.
- Designed multi-tenant architecture in PostgreSQL and Redis for data isolation across clients, and manage cloud infrastructure across DigitalOcean, Google Cloud Platform, AWS, and Contabo with Cloudflare for DNS and security.

Back-end Developer (Internship)

May – Jul 2023

Educa Agil Consultores · Lima, Peru · Remote

- Developed backend logic and REST API endpoints for an educational platform using Node.js and PostgreSQL.

TECH STACK

Backend	Node.js, TypeScript, Express, FastAPI, REST APIs, Payload CMS, WebSockets
Frontend	React, Next.js, Tailwind CSS, Redux, Zustand
Databases	PostgreSQL (multi-tenant), MySQL, MongoDB, Redis, Qdrant
Cloud / Infra	Linux, DigitalOcean, Google Cloud Platform, AWS, Contabo, Cloudflare, S3
Messaging	WhatsApp Business (Evolution API, Baileys), TikTok Messaging API, Twilio, SMTP
AI / LLMs	OpenAI API, LangChain, LangGraph, Qdrant, RAG, embeddings
Automation	n8n, Bull/BullMQ, webhooks, API integrations (JSON/XML)
CRM / Business	Kommo CRM, WordPress
Tools	Git, GitHub, Cursor, Postman, Warp, Termius, Figma, Docker, Claude Code

PROJECTS

Self-hosted AI coding agent (OpenHands + Kimi K3) triggered via Slack, using isolated git worktrees per feature and opening PRs for review — tested end-to-end building a football score prediction app.

EDUCATION

Technical Degree in Software Design and Development 2022

TECSUP · Arequipa, Peru

Full Stack Web Developer Bootcamp 2023

Henry · Buenos Aires, Argentina (remote)

LANGUAGES

Spanish — Native **English** — C2 Advanced (fluent, technical reading)