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Applied AI & Automation Engineer

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Workana HERO | #1 Programming & Technology in Peru | 20 completed projects | 0 breaches

Profile

Automation, applied AI, and API integration specialist. I turn manual and fragmented processes into measurable, operable, and documented systems. I build AI assistants, CRM automations, internal tools, marketplaces, and multimedia pipelines with delivery that includes testing, documentation, and operational handoff.

Relevant experience

Automation, AI, and API Integration Specialist

Freelance / Workana / Remote | 2021 - present

- Built AI assistants, CRM automations, n8n workflows, API integrations, and internal tools.
- Developed functional prototypes with OpenAI, Deepgram, HubSpot, WhatsApp, Python, FastAPI, Next.js, and SQL databases.
- Produced technical documentation, QA checklists, runbooks, and handoff so clients can validate, operate, and scale the solution.
- Audited and improved WordPress and WooCommerce sites, including mobile performance, cache, plugins, and technical SEO.

Selected projects

AI sales assistant with HubSpot and WhatsApp

OpenAI, Deepgram, HubSpot API, WhatsApp Cloud API, Twilio, Node.js

A functional panel with Chrome audio capture, live transcription, incremental coaching, session closeout, quote generation, HubSpot notes and tasks, and WhatsApp follow-up. Delivered with simulation mode, a Windows executable, and an operating guide.

Valora Asesores: CRM automation, scoring, and mailing

n8n, HubSpot, Airtable, APIs, scoring, HTML email

An operating architecture for intake, scoring, matching, human review, CRM, mailing, and document requests. The working dashboard consolidated 35 financial institutions and 89 products, with workflows, backups, and operating manuals.

B2B wholesale marketplace

Next.js, NestJS, PostgreSQL, Prisma, JWT, Sentry, DigitalOcean

A custom buyer and supplier platform with authentication, roles, administration, hierarchical categories, SEO routes, media, notifications, observability, and technical documentation. It replaced the initial Bubble plan with a modular custom foundation.

AI multimedia pipeline

[Python](#), [FFmpeg](#), [WhisperX](#), [pyannotate](#), [SceneDetect](#), [PyInstaller](#)

A Windows GUI and CLI application that transcribes, diarizes, detects scenes, proposes reel candidates, creates subtitles, prepares rough cuts, and tracks publications. It converts long-form footage into review-ready editing packages.

PariJobs: verified services marketplace

[Next.js](#), [TypeScript](#), [PostgreSQL](#), [Prisma](#), [Docker](#), [Zod](#)

A mobile-first MVP with authentication, roles, requests, invitations, evidence, claims, protected payments, administration, and economic simulation. Includes functional specification, architecture, and deployment documentation.

ASISTEMPER Pro

[Python](#), [FastAPI](#), [Meta Cloud API](#), [OpenAI](#), [pytest](#)

A functional base for a WhatsApp sales assistant with customer authorization, catalog lookup, controlled responses, and human escalation.

Sweatsy.pe: WooCommerce and Dokan audit

[WordPress](#), [WooCommerce](#), [Dokan](#), [LiteSpeed](#), [Lighthouse](#)

A conservative production audit and optimization with mobile baselines, reversible quick wins, and a staged maintenance roadmap.

Technical stack

Automation and AI

[OpenAI API](#), [n8n](#), [Make](#), [Zapier](#), [WhisperX](#), [Deepgram](#), [pyannotate](#), [FFmpeg](#)

Frontend and backend

[JavaScript](#), [TypeScript](#), [React](#), [Next.js](#), [Node.js](#), [NestJS](#), [Python](#), [FastAPI](#)

CMS and commerce

[WordPress](#), [WooCommerce](#), [Dokan](#), [Elementor](#), [Bubble](#), [Webflow](#), [Prestashop](#)

Integrations and CRM

[HubSpot](#), [Airtable](#), [WhatsApp Cloud API](#), [Twilio](#), [SendGrid](#), [REST APIs](#), [webhooks](#)

Data and infrastructure

[PostgreSQL](#), [MySQL](#), [Prisma](#), [Docker](#), [Linux](#), [DigitalOcean](#), [Nginx](#), [Vercel](#)

Quality and operations

[Git](#), [Sentry](#), [QA](#), [staging](#), [technical documentation](#), [runbooks](#), [post-delivery support](#)

Languages and availability

Native Spanish and advanced professional English. Available for remote contractor roles, part-time collaborations, and freelance projects in automation, applied AI, API integrations, CRM, internal tools, and full-stack development.