Sjaack Tieman

Automation & business software • **DO2 Ops**

I turn spreadsheet-based operations into one reliable system: workflows, business software and AI where it helps

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Lima, Peru (UTC-5), working remotely | Open to projects and remote roles



PROFESSIONAL SUMMARY

For about nine years I ran production floors: planning, stock, quality and delivery, with up to 120 people who needed the numbers to be right. Since 2024 I have been the AI and automation specialist of a food distribution group in Lima (five companies, about 80 employees). Most of my work is the same move: from exports, spreadsheets and separate apps to one database the whole company trusts. I pull data in from APIs, file exports and, where there is no API, browser automation; I clean and deduplicate it, check it against the old numbers, and put AI on top where it saves people time.

I work as my own technical architect: I talk to the people who use it, design the system, build it with AI coding agents (Claude Code) and n8n, test it end to end with Playwright and keep it running in production.

I write things down: after every piece of work a short report of what I built, what I tested, what I did not test and what comes next.

Languages Dutch (native) · English (fluent) · Spanish (basic) · German (basic)

KEY RESULTS

measured in production, autumn 2026

- **9 separate apps** merged into one ERP and one database in five months, with the customers and sales history imported from the old ERP
- **35+ n8n workflows** running in production: chatbot gateway, lead capture, data sync, notifications and more
- **~11,000 job postings per run** collected by my own scraping pipeline (browser automation), deduplicated, filtered and scored by an LLM
- **Close to 50,000 messages** handled by my n8n chatbots for customer service and recruitment, ~5,000 a month
- **~80 employees** clock in and out every day through the HR kiosk I built into the company ERP
- **~2,000 deliveries a month** recorded by 7 drivers in the delivery app I built

WORK EXPERIENCE

AI Specialist · Food distribution group, Lima

March 2024 to present

Lima, Peru · AI Generative Specialist since April 2026, before that AI Automation Specialist

- Promoted to an AI consultant role after the automation projects I built started showing measurable results
- Run discovery conversations with department heads, write the business case, then build, deploy and maintain the solution myself
- Report progress to management weekly and monthly, in Spanish and Dutch, with what was tested and what was not

What I built, by department

HR **NEXO ERP and clock-in kiosk** — Daily use since July 2026

Designed and built NEXO, the company ERP that merged nine separate internal apps into one database with one login and role-based permissions. Imported the customers and sales history from the old ERP and checked the results against its exports before switching. Modules: sales, stock, finance (receivables, account statements, cash and bank), HR with a clock-in kiosk for about 80 employees, and logistics.

React / TypeScript · self-hosted Supabase (PostgreSQL)

LOGISTICS **Delivery app** — Live since April 2026

Route and delivery system for the company's own drivers. Ingests the daily order export from the old ERP, normalises it, assigns customers to zones, and gives driver and helper an offline-capable phone app to record each delivery and close out the day per zone.

Next.js / TypeScript PWA · offline storage with Dexie · self-hosted Supabase

CUSTOMER SERVICE **Customer-service chatbot**

Built in n8n: a chatbot on Facebook Messenger and Instagram that answers business customers and leads from the product catalogue (RAG, with an automatic knowledge-base sync) and passes leads into an internal sales dashboard.

n8n · Gemini · Supabase pgvector · Meta Graph API

HR **Recruitment screening chatbot**

Built in n8n: an AI-led, multilingual job interview on Facebook Messenger that scores each candidate against fixed rules (location, requirements) and gives the recruiter a structured result.

n8n · Gemini · Supabase

FINANCE **Monthly AI-cost report** Since September 2026

Collects the invoices of the AI services through Microsoft Graph every month and mails a cost summary to the administration, in Spanish and Dutch.

Python · Microsoft Graph

INFRASTRUCTURE **Production environment**

Run the company's entire production environment myself: a Netcup VPS with self-hosted Supabase, n8n and LiteLLM, Docker, Caddy, PM2 and nightly backups, including a full migration from Hetzner.

Linux · Docker · Caddy · PM2 · Supabase · n8n · LiteLLM

OWN PROJECTS

DATA PIPELINE **Job-market scraper and scorer** 2026, ongoing

Built Scheduled pipeline that collects job postings from many job boards, including Cloudflare-protected sites, with browser automation where there is no API. It normalises and deduplicates around 11,000 postings per run, filters them on hard rules and lets an LLM score the rest.

Python · Playwright / Scrapling · LLM scoring · scheduled runs

AI AGENT **JACK, my voice assistant** 2026, ongoing

Built A voice agent on the Claude Agent SDK with custom tools, a local wake word and speech recognition on the GPU, and local speech output. It transcribes calls live and turns the transcript into structured notes.

Result It reads my mail and messages aloud and drafts replies I approve by voice, records and transcribes video calls into bilingual meeting notes, and unlocks my laptop when its camera recognises me.

Python · Linux · Claude Agent SDK · openWakeWord · Whisper (GPU) · Piper · Microsoft Graph · KDE Connect

EARLIER EXPERIENCE

Production Manager · Manufacturing company 2013 to 2023

The Netherlands

- Ran a team of 8 managers and 80 to 120 people across 5 departments
- Responsible for the full production cycle: staffing, scheduling, inventory, quality, and delivery

ICT / Communications Specialist · Royal Netherlands Navy 2009 to 2011

The Netherlands

- Maintained secure communications between naval vessels and the onboard network systems

TECHNICAL SKILLS

Data & automation: Playwright (browser automation, data extraction and end-to-end tests), Scrapling, REST APIs and webhooks, Excel and CSV ingestion, normalisation and deduplication, scheduled jobs (cron, n8n)

n8n (core tool): 35+ workflows in production on our self-hosted server: multi-channel chatbot gateway (Messenger, Instagram), AI agents with tools, RAG knowledge-base sync, lead capture, webhooks, sub-workflows, error handling, version management

How I build apps: Claude Code as my development team: I write the specifications, direct the agents, test end to end with the real users, then deploy and run it. The agents write the code.

AI platforms: Claude Code (MCP servers, hooks, custom skills), Claude API and Agent SDK, Google Gemini, OpenAI, local Whisper and Piper, RAG with pgvector, LiteLLM, multi-agent setups

Systems run on: Next.js and React, Supabase (PostgreSQL, pgvector, row-level security), Python, offline-first PWAs

Infrastructure I run: Linux VPS (Netcup), Docker, Caddy, PM2, nightly backups, Tailscale, Raspberry Pi, Git and GitHub

Integrations: Meta (Messenger, Instagram, WhatsApp), Microsoft Graph (Outlook), Google Workspace, Slack, Firecrawl

EDUCATION

Bachelor of Business Management (HBO, Higher Professional Education), Netherlands · HAVO, Netherlands