

SUNDAY ONOME

AI Automation Engineer

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PROFESSIONAL SUMMARY

Automation Engineer specializing in AI agent development, end-to-end workflow automation, and production software engineering. Experienced designing and deploying production systems that combine conversational AI, document intelligence (OCR/LLM extraction), and multi-platform integration (n8n, WhatsApp, Google Workspace, Gmail, Telegram), as well as building tested, deployed backend systems (FastAPI, PostgreSQL) where AI handles ambiguity and deterministic code enforces business-critical rules. Track record of measurable business impact, including 20+ hours/week saved through automation and 40% increases in engagement through automated marketing workflows.

SKILLS

Programming Languages: Python, JavaScript

Backend & Software Engineering: FastAPI, PostgreSQL, SQLAlchemy, Celery, Docker, pytest, CI/CD, REST API Design

Automation & Orchestration: n8n, Workflow Automation, Google Apps Script, Process Automation

AI & Document Intelligence: AI Agent Development, LangChain, Claude Code, Prompt Engineering, OCR / Document Extraction, OpenAI API, Google Gemini

Channels & Platforms: WhatsApp Business API, Chatwoot, Telegram Bots, Google Sheets, Airtable, Gmail API

Other: Web App Development (Lovable), CRM Systems, Data Pipeline Design

EXPERIENCE

Automation Engineer | LeaderFrutta

Remote

Feb 2026 – Present

- Architected and built an AI-agent-based WhatsApp ordering system for a produce wholesaler, automatically routing messages across four distinct user roles (customer, staff, admin, supplier) with zero manual triage.
- Designed natural-language order processing logic handling order modifications, item-level deletions, duplicate-message protection, and business-rule-based delivery date parsing.
- Built an OCR-based invoice automation pipeline (Mistral AI) that extracts structured data, including supplier, invoice number, line items, and totals, from supplier-submitted photos and PDFs, reducing manual invoice entry to zero.
- Automated end-to-end document workflows: structured accounting emails, real-time Telegram team notifications, and WhatsApp confirmation replies, all triggered from a single document upload.
- Implemented automated data retention policies and a nightly auto-generated PDF fulfillment report using Google Apps Script scheduled triggers.
- Diagnosed and resolved production issues across a multi-service automation stack (n8n, Google Sheets API, Chatwoot, Gmail API, Telegram API), including root-cause fixes for data-matching and timezone-handling bugs.

Automation Engineer | Williams Realty Investment Inc.

Raleigh, North Carolina, USA (Remote)

Mar 2025 – Sep 2025

- Designed and implemented an end-to-end Smart Deal Automation System transforming property deal management, buyer communication, and marketing for a real estate investment firm.
- Built a fully functional web application (Lovable) enabling property sellers to submit deals directly, automatically triggering AI-powered underwriting analysis and buyer outreach sequences.

- Connected n8n, OpenAI, and Gmail to automate ARV, MAO, and repair-cost calculations, plus personalized marketing content and email campaign generation.
- Reduced manual data entry and buyer follow-up time by 20+ hours per week; increased deal visibility and engagement by 40% through automated marketing campaigns.

Automation Specialist | Topnotch Solutions

Lagos, Nigeria (Remote)

Apr 2024 – Sep 2024

- Led the design, development, and management of intelligent workflow systems driving operational efficiency and client success.
- Built and managed a portfolio of automations including calendar reminder systems, lead generation pipelines, and AI-powered research workflows using Apify and Perplexity.
- Architected end-to-end automation solutions optimized for scalability, ensuring seamless integration of AI-powered tools across client engagements.

SELECTED PROJECTS

AI Accounts Payable / Invoice Operations System

- Built a production-shaped invoice automation pipeline where the AI model's only role is field extraction; every financially consequential decision (vendor/PO matching, validation, approval) runs through separate, deterministic, unit-tested code, with a full audit trail and human-review escalation.
- Validated end-to-end against real supplier invoices: 100% field extraction accuracy and 100% precision/recall on discrepancy detection (duplicate invoices, PO mismatches, currency mismatches, unknown vendors), measured with a purpose-built eval harness, not a one-off demo (Python, FastAPI, PostgreSQL, SQLAlchemy, Celery, Docker, deployed on Railway).

WhatsApp AI Booking Agent for Service Businesses

- Built a fully automated booking agent that handles natural client conversations, checks availability, confirms sessions, sends payment details, and logs bookings automatically (n8n, WhatsApp, Google Sheets).

Automated YouTube Shorts Content Pipeline

- Developed an end-to-end AI video generation system: automated content research (Apify, Reddit), AI-generated scripts, and ready-to-publish video production (n8n, Airtable, AI Agents).

AI Visibility Audit & Lead-Generation Tool for Real Estate Agents

- Built an automated audit tool that analyzes whether real estate businesses appear in AI-generated search results, producing lead-generation reports for marketing agencies (n8n, OpenAI, Google Gemini, Google Sheets).

EDUCATION

B.Sc. Civil Engineering

Obafemi Awolowo University, Nigeria