YEVHEN DANYLEICHENKO

AI Automation Engineer & Workflow Architect

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PROFESSIONAL SUMMARY

Results-driven **AI Automation Engineer & Workflow Architect** with over 4 years of experience designing, deploying, and scaling custom AI agents, low-code/code-hybrid pipelines, and integrated CRM architectures. Specialized in self-hosted **n8n** ecosystems, LLM orchestration (OpenAI, Anthropic, Gemini, MCP), and multi-channel voice/text automation. Proven track record of building secure, production-ready systems with Human-in-the-Loop (HITL) controls that eliminate manual operations and accelerate B2B growth.

PROFESSIONAL EXPERIENCE

AI Automation Engineer & Workflow Architect — **Freelance / B2B Consultant** **01/2022 – Present**

- Architected and deployed custom AI agent pipelines in **n8n** (including automated HR candidate screening with GitHub OSINT enrichment, prompt-injection guards, and interactive Slack Block Kit approval flows, alongside B2B Sales & Support agents).
- Engineered AI-powered voice and text consultation agents using **OpenAI API, Anthropic, ElevenLabs, Whisper, and Voiceflow** to automate inbound customer booking, qualification, and pre-sales operations.
- Built end-to-end automated content generation, data sanitization, and multi-channel publishing pipelines across LinkedIn, X (Twitter), Telegram, and Instagram.
- Designed and integrated relational databases and CRM workflows in **HubSpot, Pipedrive, ActiveCampaign, Airtable, and SmartSuite** via custom REST APIs, Webhooks, and WebSockets.

AI Automation Technical Mentor & Curriculum Advisor — **Tech & Automation Education** **01/2025 – Present**

- Provide expert technical mentorship and architecture code reviews on complex AI automation workflows, API error handling, and low-code integration strategies.
- Devised technical curricula focused on practical Generative AI implementation, LLM agent orchestration, and business process optimization.
- Guided engineering students through the troubleshooting and deployment of production-grade multi-platform automation systems.

TECHNICAL STACK

Category	Technologies & Tools
Core Automation	n8n (Self-Hosted VPS & Cloud), Make.com (Integromat), Zapier
AI, LLMs & Voice	OpenAI API, Anthropic (Claude), Google AI (Gemini), MCP (Model Context Protocol), ElevenLabs, Whisper, Voiceflow, ManyChat

Category	Technologies & Tools
CRM & Data Systems	HubSpot, Pipedrive, ActiveCampaign, Airtable, SmartSuite
Engineering & APIs	REST API, Webhooks, WebSockets, JSON Schema / Structured Outputs, Slack Block Kit (HITL), Telegram Bot API, Git / GitHub, Cloudflare Pages

EDUCATION & CERTIFICATIONS

Master's Degree in Automation Irish NFQ Level 9 — Kremenchuk National University **2009 – 2013**

Professional Certification in Marketing & CRM Automation — Marketing Automation School **2025**

LANGUAGES

English: Professional Working Proficiency • **Ukrainian:** Native