

Ivan Melnyk

📍 Remote | Based in Sweden | Open to relocation

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Full-Stack & Automation Engineer (Directus • n8n • React/TS • PostgreSQL • Stripe)

Product-minded engineer specializing in automation, integrations, and data-driven SaaS platforms. I build end-to-end systems: React/TypeScript frontends, Directus/PostgreSQL backends, n8n workflows, Stripe payments (top-ups / Connect), and Amazon SES email infrastructure. Focused on reliability (deduplication, idempotent workflows), analytics pipelines, and scalable architecture.

Skills

- **Automation & Integrations:** n8n, Directus Flows/Hooks, Webhooks, REST APIs, OAuth2/JWT, event-driven workflows
 - **AI & LLM Integrations:** API integrations (Gemini, DeepSeek, OpenAI), AI agent orchestration in n8n, system prompt engineering, token usage & cost monitoring, complex parameter configuration
 - **Backend & Data:** PostgreSQL, SQL, schema design, indexes, rollups/aggregations, deduplication, idempotency
Payments: Stripe Checkout (top-ups), Stripe Connect onboarding, transaction ledgers, provider_ref dedupe
 - **Frontend:** React, TypeScript, Vite, SCSS Modules, dashboards, responsive UI
 - **Email & Auth:** Amazon SES (SPF/DKIM/DMARC), transactional emails, email verification, password reset flows
 - **DevOps:** Docker/Compose, Linux, SSH, GitLab CI/CD, reverse proxy (Caddy/Nginx), PM2
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Experience

Founder / Product Engineer — LeadSpace (Lead Marketplace Platform)

2025 – Present

- Building a two-sided lead marketplace (publishers & lenders) using **React/TypeScript (Vite)**, **Directus/PostgreSQL**, and **n8n automation**
- Designed core data model for lead lifecycle and attribution (leads, sessions/events, tracking links, orders, transactions) with performance-oriented schema choices
- Implemented analytics pipeline: live event ingestion + **daily and 30-day rollups** powering dashboards and KPIs
- Built reliability-first logic: **deduplication + idempotent workflows** to prevent double-counting metrics and financial events
- Implemented wallet and purchase foundation: transactions ledger, order flows, paid triggers, and sales attribution
- Integrated Stripe: lender top-ups via Checkout + publisher onboarding via **Stripe Connect**, including event sync and provider reference dedupe
- Automated auth flows via webhooks: email verification (token + expiry + resend), password reset tokens, and secure session gating

Tech: React, TypeScript, Vite, SCSS Modules, Directus, PostgreSQL, n8n, Stripe, Amazon SES, Docker, Linux

Automation & Integration Specialist — AdVolta (Dubai / Remote)

Mar 2022 – Jun 2025

- Designed and structured Directus collections and CRM flows for lead management and sales tracking
- Built automation pipelines in n8n: conditional logic, validation, enrichment, scheduled jobs, and third-party API integrations
- Implemented Amazon SES email infrastructure end-to-end: domain verification, SPF/DKIM, templates (MJML/HTML), transactional + campaign flows
- Improved deliverability and engagement through segmentation, behavioral triggers, and data-driven follow-ups
- Monitored performance and deliverability using DB queries and provider analytics; iterated based on funnel metrics

Tech: Directus, n8n, PostgreSQL/SQL, Amazon SES, MJML/HTML, REST APIs

Full-Stack Web Developer — Freelance (Remote)

2019 – 2022

- Built responsive landing pages and micro-sites using HTML/SCSS/JavaScript/TypeScript (mobile-first, pixel-perfect from Figma)
- Developed Node.js (Express) endpoints for form handling and API integrations, including OAuth2/JWT auth flows
- Implemented form validation, tracking, and server-side processing; integrated third-party services via REST/webhooks
- Deployed projects to Linux VPS: Dockerized services, configured domains/SSL, and automated builds via CI/CD

Tech: React (selected projects), TypeScript, Node.js (Express), SQL, Docker, Linux, GitLab CI/CD

Education

BSc Cybersecurity — Vinnytsia National Technical University (2017–2021)

BSc Economics — Ternopil National University (2021–2025)

Languages

Ukrainian (Native), Russian (Fluent), English (B1–B2), Spanish (Basic), Swedish (Basic)

Highlights

- Strong in **automation-first product engineering**: workflows, attribution, metrics pipelines, and payment events
- Reliability mindset: **dedupe, idempotency, and clean data models** for scaling dashboards and finance flows