Rostyslav Yaremenko

AI PRODUCT ENGINEER · FULL-STACK

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SUMMARY

AI Product Engineer with 6+ years in web development. I build products end to end: AI platforms, web apps and their infrastructure. My current platform runs ~100 sites, and a new site takes one day instead of 1–2 weeks.

EXPERIENCE

Software Engineer
Mar 2024 – Present

Private agency (NDA) · SEO and media buying · joined as a WordPress developer, now run the whole platform

- Built the team's internal platform alone (Next.js, Supabase). The team uses it to run **~100 WordPress sites**.
- A new site used to take 1–2 weeks, **now it takes one day**.
- Turned it into an **MCP hub with 200+ tools**: everyone works from their own Claude or ChatGPT and sees only the tools of their role.
- Automated routine work: blog articles, Telegram posts, scheduled jobs.
- Run the servers and deployment: VPS, Docker, CI/CD, **~16,000 automated tests**.
- Got the team using Claude and Codex every day.

Full-Stack Developer (WordPress)
Sep 2022 – Mar 2024

LM Web Solution

- Built **10+ client websites** in a year and a half: custom WordPress themes, ACF, taxonomies and blogs; full cycle from mockup to support.
- **Pentera:** built the corporate website of a cybersecurity company (2023) — layout, WordPress integration and support.

Frontend Developer
May 2020 – Aug 2022

Easy Seo

- Built **dozens of responsive pages and websites** from Figma / PSD in HTML, CSS and JavaScript, without page builders.
- Communicated with clients, estimated scope of work and led some of the projects on my own.

Frontend Developer · Freelance
Feb 2021 – Sep 2023

Freelancehunt, Upwork · alongside full-time work

- **Freelancehunt:** 22 completed projects, 21 positive reviews, 17 clients. Layout from PSD / Figma, WordPress landing pages and complex animations.

SELECTED PROJECT

Operator Console

Solo Dev Hub · personal project · 2026 — Next.js, TypeScript, Supabase / PostgreSQL, Hermes, Docker, Caddy

My own self-hosted system that I use every day: it collects data from **15 sources** (freelance leads, tech news, market data), and AI agents review and score it, draft posts and send reports to Telegram.

- **Agents.** 4 AI agents (Hermes) with their own roles: reviewing and scoring collected items, drafting posts, the daily report. I wrote **30+ custom tools** with JSON schemas for them (tool calling); each agent sees only its own. Actions with consequences run only after my approval.
- **Scale and reliability. 20+ processes** run on a schedule; since September the system has processed **1,800+ items** and only relevant items reach me: a two-week audit showed 51 alerts, none irrelevant. One failing source does not stop the rest.
- **Infrastructure and security.** The console, the website, a self-hosted Supabase / PostgreSQL database and the agents run on one VPS in Docker behind Caddy. Mandatory 2FA, separated access to APIs and data (RLS). **~4,000 automated tests** (Vitest, pytest); every change passes typecheck, lint and tests before deployment.

SKILLS

Full-stack. TypeScript, JavaScript, React, Next.js, Node.js, PostgreSQL, Supabase, RLS, Zod, Tailwind CSS, shadcn/ui; testing with Vitest, Playwright, pytest.

AI and automation. AI agents and orchestration, tool calling, MCP, agent memory (embeddings, semantic search), scheduled automation, human-in-the-loop, Telegram and Notion integrations; agent frameworks OpenClaw and Hermes (open-source).

LLM APIs. Anthropic Claude and OpenAI APIs directly: structured outputs (Zod), tool calling, streaming, retries and timeouts, per-run cost limits.

Infrastructure. VPS, Docker, Caddy, GitHub Actions, CI/CD, DEV/PROD environments.

WordPress and frontend. Custom themes, ACF / ACF Extended, taxonomies, HTML, CSS / SCSS, responsive layout, BEM, jQuery.

AI development tools. Claude Code, Codex, Cursor.

EDUCATION

Kyiv College of Electronic Devices · 2014–2017

ADDITIONAL

Languages. Ukrainian — native; English — intermediate (B1).

Personal projects and learning. Three.js, React Three Fiber, GSAP — 3D scene on yaremenko.dev and interactive animations.