

PROFILE

I lead the digital transformation of the High Qualification Commission of Judges of Ukraine (HQCJ): from audits and technical requirements to procurement, development, cybersecurity and the launch of systems used by thousands of people. On the side I build my own products with AI agents – from idea to production. I want to bring this experience to Physical AI.

EXPERIENCE

Deputy Head of the Secretariat for Digital Development, Digital Transformation and Digitalization

High Qualification Commission of Judges of Ukraine • 2025 – present

- **Information Collection Module.** Automatically gathers information about judges and candidates from state registers and builds a unified profile card. From the feasibility study and specification to data-exchange protocols with register holders and acceptance by the Commission (July 2026).
- **“Ispyt” exam system.** Legislation tests, practical tasks, cognitive ability tests, a test-authoring module. Built the information security system (CISS) with a certificate of conformity. Technical side of the qualification exam for 8,432 judge candidates (2025).
- **New official HQCJ website.** Requirements, development, operating procedure; the site is now being tested by the Commission’s departments.
- **Judicial Dossier and document management.** Approved requirements for the “Judicial Dossier” subsystem of the Unified Judicial IT System (with LLI and the State Judicial Administration); requirements for an electronic document management system; registry office sign-in with e-signatures.
- **Automating routine.** Bots monitoring servers, power and service availability; request templates for special checks with digital signing; declaration-filing checks; log analysis; a self-hosted Mattermost corporate chat.
- **Infrastructure and cybersecurity.** Audit of information systems for 2016–2025; procurement of servers, Check Point 9100 firewalls, UPS units and optical switches; security authorization of the systems; vulnerability remediation (TLS 1.2, HSTS, DMARC).
- **Open data.** Datasets on automated case distribution (2017–2026) and roll-call votes on data.gov.ua; panel speaker on AI-ready judicial data (September 2026).

OWN PRODUCTS • VIBE CODING WITH AI AGENTS

LYNVA lynva.net

Live polls via QR code with real-time results, word clouds and embedding into other sites.

Next.js • NestJS • WebSocket • PostgreSQL • SwiftUI (macOS) • Mattermost plugin

TAPAPE tapape.net

Internet radio: over 50,000 stations from around the world. An app for iPhone and Mac plus a web version that detects the song right from the stream.

Swift • SwiftUI • SQLite • React • TypeScript • FastAPI

Both products and pavlokulyk.com run on my own Oracle Cloud server (Docker, Caddy).

NUMBERS

8,432

judge candidates – 2025 qualification exam

4,842

candidates – cognitive ability testing in one stage

5

HQCJ systems launched or brought to development

50,000+

radio stations in Tap Ape

SKILLS

Public-sector IT project management

Feasibility studies, requirements, specifications

Public procurement (Prozorro)

Information security: CISS, security authorization

Infrastructure, networks, monitoring

Open data and interoperability

Building with AI agents

TECHNOLOGIES

Docker	Caddy	Oracle Cloud
PostgreSQL	Next.js	NestJS
Swift	Python	Mattermost

OUTSIDE WORK

Tennis, skiing.

“Artificial intelligence is a tool that greatly expands what we can do – but it’s people who have to set the tune.”

from a panel on open judicial data, 2026