Dmytro Musiichenko

Senior Frontend Engineer · React / Next.js / React Native

Poltava, Ukraine · remote dmitrymusiichenko@gmail.com t.me/DmytroMusiichenko
Portfolio portfolio.madecarefully.dev linkedin.com/in/dmytro-musiichenko-515032258 github.com/m4es7r0

SUMMARY

Senior frontend engineer with 4+ years shipping production TypeScript products: e-commerce platforms, funnel and analytics tools, React Native apps. At a product studio I am the sole frontend engineer on most products: I built the Lovyse AI-companion app solo (now on the App Store and Google Play) and designed a funnel platform end-to-end: headless SDK, React bindings, visual editor. Before that, top contributor to a production Next.js marketplace. Strong in frontend architecture: Feature-Sliced Design, SDK and library design, state machines, testing. Author of qore, an open-source API layer for React used in production.

EXPERIENCE

Outbid — Frontend Engineer

Apr 2025 – Present · remote

Product studio: mobile apps, marketing funnels, analytics tools. Sole frontend engineer on most of the studio's products, shipping together with backend and DevOps engineers.

- **Lovyse, AI-companion mobile app** (React Native / Expo), sole developer, live on the App Store and Google Play. Chat-first architecture with one transport layer over three backend chat APIs; keyboard-synced virtualized chat, voice input with Whisper transcription, Reanimated 4 animations, push notifications, i18n. lovyse.com
- **Funnel platform**, designed and built end-to-end: a headless TypeScript engine SDK with zero runtime dependencies (branching, scoring, SSR-safe seeded A/B assignment, event middleware; tested with Vitest), typed React hooks over useSyncExternalStore, and a drag-and-drop configurator with undo/redo and JSON import/export that migrates older formats.
- **Visual funnel and page editor** with ~40 configurable block types: Tiptap WYSIWYG, per-viewport style overrides, scoped custom-CSS theming, and a standalone runtime that runs exported funnels outside the editor.
- **Two analytics dashboards**, primary author: TanStack Table grids with URL-synced filters, drill-down Recharts time series, XState machines for loading, empty and error states, a Zod-validated API layer.
- **Also shipped:** a crypto-payouts dashboard (recipients, transaction polling until settlement, role-based access); a template builder with drag-and-drop editing and live device preview; an embeddable quiz funnel built as SPA and IIFE bundles with pluggable analytics and a React Aria UI kit; marketing sites in React 19 and Vue 3 + GSAP.

E-commerce group — Frontend Developer

Jul 2022 – May 2026 · remote

Two production e-commerce products, a digital-goods store and a marketplace, in a team of 4–10 developers. Company name on request.

- **Marketplace storefront** (Next.js 15 / React 19 over Medusa.js), top contributor: multi-step checkout driven by XState with a payment-strategy manager, courier and pickup-point delivery with a MapLibre GL map picker, Redis-backed ISR caching.
- **Storefront quality:** Sentry across client, edge and server; Playwright E2E specs for every delivery mode; Artillery load tests; trace-id logging middleware.
- **Digital-goods store** (Next.js, ~1,300 source files), core contributor: catalog filters, media gallery and HLS video player, support-chat integration, responsive UI; strict Feature-Sliced Design layering enforced with ESLint boundaries.
- **Backend and admin on Medusa.js 2.x:** checkout completion with customer auto-registration and JWT issuance, password-reset and email-verification workflows, React admin extensions (Lexical rich-text editor, product attributes, banners).
- **Team and delivery:** GitLab merge requests with code review, shared FSD conventions and a common UI kit across two frontends, API contracts agreed with backend developers, mentoring of junior developers. Shipped through Docker staging, preprod and prod environments with GitLab CI; set up a self-hosted Directus CMS (Postgres, Redis, S3, Keycloak SSO).

OPEN SOURCE & SIDE PROJECTS

qore · open source — a TypeScript API layer for React, author and maintainer; adopted in commercial projects at Outbid. github.com/m4es7r0/qore

- A ky-based HTTP client factory with composable middleware; every failure normalized into a typed ApiError with structured logging.
- A type-safe query-key factory producing TanStack queryOptions, and declarative cache strategies for mutations (invalidation, multi-target optimistic updates, prefetching) attached with one withCacheStrategy() wrapper. Drops into the shared/api layer of Feature-Sliced Design projects.

Aggregation & ranking pipeline · personal, 2026 — a local-first TypeScript system that collects listings from five public sources (REST APIs, JSON-LD pages, RSS feeds) on a schedule, deduplicates them across sources, ranks them with explainable rules and serves them in a dashboard with Telegram alerts.

- pnpm monorepo of 8 packages and 4 apps: a scheduled worker, a Next.js 16 dashboard (shadcn/ui, server actions), a grammY bot, a CLI and an MCP server; SQLite with Drizzle ORM; runs in Docker. 400+ Vitest tests with MSW.
- Rules first, AI second: every rank carries signed signals and a breakdown; an optional LLM only answers what the rules cannot settle, runs sandboxed without tools because prompts carry third-party text, and never makes the call. Polite HTTP: Retry-After, backoff, conditional requests.

design-intelligence-agent · open source — a research-first design workflow for Claude Code: an orchestrator skill and a researcher subagent study official guidelines and shipped products before any design decision and label each decision with its evidence; validated in CI. Also built studio-design, a staged pipeline from a client brief to a coded design system and a Figma library. github.com/m4es7r0/design-intelligence-agent

aeon-clash · personal — a real-time multiplayer pick/ban draft tool for a game community: Next.js with a custom Socket.IO server. Rooms with join, rejoin and disconnect handling; a server-enforced 20-step ban/pick sequence; chess-clock timers with reserve time and an automatic pick on timeout; drag-and-drop player slots; a character roster with filters and import/export.

nova-post-analytics · open source — shipment analytics over the Nova Post API: a server-only Next.js client with JWT caching, 401 retry and request deduplication; Better Auth and Neon Postgres. github.com/m4es7r0/nova-post-analytics

SKILLS

CORE	TypeScript, JavaScript, React 19, Next.js (App Router, SSR/ISR), React Native / Expo, Vue 3
STATE & DATA	TanStack Query / Table, XState, Zustand, Redux, React Hook Form, Zod
UI & MOTION	Tailwind CSS, shadcn/ui, Radix UI, Base UI, React Aria, Storybook, Motion, GSAP, Reanimated, dnd-kit
ARCHITECTURE	Feature-Sliced Design, SDK and library design, pnpm monorepos, WebSockets / Socket.IO
BACKEND & INFRA	Node.js, Hono, Medusa.js, PostgreSQL, SQLite + Drizzle, Redis, Directus, Docker, GitLab CI, GitHub Actions, Sentry
TESTING	Vitest, Playwright, Testing Library, MSW, Artillery
AI	LLM features in products (AI chat, Whisper transcription); Claude Code workflows: skills, subagents, MCP servers

EDUCATION & LANGUAGES

Poltava University of Economics and Trade — Master's degree

Ukrainian — native · English — B1