Sergey Petrinich

Lead Full-Stack Developer

Remote, worldwide · Central European Time

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6+ Years of experience | **124+** Projects | **241+** Technologies | **16** Developers led

SUMMARY

Lead full-stack developer with **6+ years** of experience, building production web apps since **2020**. I joined UX MIND, a design agency, in February **2024** and lead its development: I run the technical side of client projects from estimate to launch. I have led **16 developers** across my career, up to **4** at a time, and because the agency has no HR I also run hiring: **6 developers** hired so far. My stack is TypeScript, Next.js, React, Prisma, PostgreSQL and Tailwind CSS. I review code and talk to clients directly. I build with Claude Code every day under a spec-first process: a written plan before code, an independent review pass, and typecheck, lint and tests as merge gates.

SKILLS

Core stack	TypeScript, React, Next.js, Node.js, PostgreSQL, Tailwind CSS, Docker
Front end	JavaScript, HTML, CSS, Sass, shadcn/ui, Radix UI, Base UI, Motion, GSAP, React Compiler, Recharts
State, forms & data fetching	TanStack Query, TanStack Table, Zustand, Redux Toolkit, React Hook Form, Formik, Zod, Yup, nuqs
APIs & back end	oRPC, tRPC, REST APIs, GraphQL, OpenAPI, Express, NestJS, Hono, Webhooks, Cron jobs
Data	Prisma, Drizzle, Supabase, MySQL, MongoDB, Redis, Neon, Convex, Firebase
Auth & payments	Better Auth, Clerk, NextAuth, Supabase Auth, OAuth, JWT, Stripe, PayPal, Square
CMS & integrations	Sanity, Builder.io, Strapi, Storyblok, Shopify, Resend, Twilio
AI	Claude Code, Vercel AI SDK, OpenAI API, Anthropic Claude API, Gemini API, MCP
Quality & tooling	Git, Playwright, Vitest, Jest, Biome, ESLint, Prettier, Husky, Storybook, pnpm
Infrastructure & observability	Docker Compose, GitHub Actions, Vercel, AWS, Cloudflare Workers, Nginx, Sentry, PostHog

All 241+ technologies: sergey-petrinich.vercel.app/stack

EXPERIENCE

Lead Full-Stack Developer · UX MIND · ux-mind.pro

February 2024 – Present

UX MIND is a digital design agency. It builds SaaS products, admin dashboards and marketing sites for clients in Europe and the US.

- Led **10 developers** on client projects, up to **4** at a time: estimates, task planning, code review and coaching; the clients' technical contact.
- Led or built **33** client projects: platforms (OhBirdie!, Swiftbeauty), a REST API and admin dashboard for an iOS travel guide (NoaSpot) and content sites (Alan Walker official site, ABH).
- Built the Euregio Academy association platform from the start: **76** server actions, **19** Prisma models, German and English, LinkedIn and Facebook sign-in, a SharePoint integration and daily database backups.
- Ran the technical pre-sale: estimates, risk reviews and audits of clients' existing code. The Flow Healthcare estimate won the contract; on Hypus I wrote the development plan and led a team of **2** through release, and on Forstock a team of **3**.
- Ran hiring for the agency: screening, test tasks, interviews and onboarding; hired **6 developers**.
- Set the default stack and quality gates new projects start with: Next.js App Router, TypeScript, Prisma on PostgreSQL, Better Auth, oRPC, React Hook Form with Zod, Tailwind CSS; Biome, Husky, GitHub Actions, Vitest. Integrated Stripe, Shopify, Sanity, Twilio, Resend, Mux, Leaflet, Upstash, Arcjet, Sentry, PostHog and the Vercel AI SDK with Gemini.
- Wrote ux-mind-helpers, a zero-dependency toolbox of **8** codemods and lint guards (import aliases, Tailwind values, React Compiler checks, .env sync), and the team's Claude Code conventions after adopting it in August **2025**.

Freelance Full-Stack Developer · Self-employed

April 2025 – Present

Direct contracts with my own clients. I handle communication, development, project management and payments myself.

- Built a live-video streaming platform alone: adaptive HLS video, creator profiles with media feeds, English and Dutch with next-intl, a Sanity CMS, and Docker with Nginx on a VPS.
- Built alba.swiss end to end, the site of a Swiss technology consultancy: the first version in April **2025** and the September **2026** rebuild, with **16** animated sections and a request-an-introduction form.
- Moved gdd.education from Vercel to a self-hosted VPS: Docker builds, DNS and Umami analytics; led a second developer on it.

Front-End Developer · Ceviant · app.ceviant.co December 2022 – November 2023

Cloud treasury management product that helps companies aggregate their cash management tools on one platform.

- Led **4 developers** on the treasury app's front end, one of them an intern I mentored, and ran regular code reviews.
- Introduced a shared folder structure and one way of building features, which made onboarding easier; led the key features and the refactoring.

Front-End Developer · Tapston · tapston.com December 2022 – December 2023

Software outstaffing company. I joined in December **2022**, worked on an internal project first, then was placed full-time on Ceviant.

- Led **2 developers** on an internal project before the Ceviant placement.
- Designed the project's architecture, built the landing page and a UI kit shared across the product, and developed product features.

Self-taught Front-End Developer · Portfolio September 2020 – November 2022

43 responsive personal projects, from landing pages to full-stack sites, built while studying marketing.

- Taught myself HTML, CSS, JavaScript, React, TypeScript and Next.js, and shipped every project with one new technology or animation technique.

PROJECTS

OhBirdie! · 2026 · Lead developer ohbirdie.com

SaaS for running American Mahjong events in the US and Canada, with public event pages, organizer and player areas, registration and waitlists, QR check-in, live tournaments, Stripe payments and messaging.

- Led **1** other developer and built about half of the app: set the architecture, planned the tasks and reviewed the code.
- Built the whole back end: auth, billing, the admin area and **220+** type-safe oRPC procedures on **32** Prisma models, serving **24,000+** API calls a month.
- Built the Stripe webhook (signature check, de-duplication), Twilio SMS webhooks, **5** cron jobs and CI with Postgres integration tests; wrote most of the **3,400+** test cases.

Stack: Better Auth, Docker, Next.js, oRPC, PostgreSQL, Prisma, Tailwind CSS, TypeScript

TESL Decks · 2026 · Sole developer · AI-orchestrated tesl-decks.com

Free deck builder and card database for The Elder Scrolls: Legends, with 22 page routes, 1,233 cards and an English and Russian interface.

- Built it alone, directing AI agents: **80** oRPC handlers on **22** Drizzle tables, **2,600+** test cases with Stryker mutation testing.
- Added a **1-hour** edge cache purged by tag when a deck is saved, and sign-in with Discord, Google, Steam or an email code.

Stack: Better Auth, Docker, Drizzle, Next.js, oRPC, PostgreSQL, Tailwind CSS, TypeScript

NoaSpot API · 2026 · Sole developer · AI-orchestrated

The REST API behind NoaSpot, a curated travel guide for iOS: it serves cities, places, routes, saved places and semantic search, and feeds the app and the admin dashboard from one OpenAPI contract.

- Built the REST API alone (**81** endpoints, **22** Prisma models, **1,000+** test cases) and defined the OpenAPI contract the iOS app and admin use.
- Benchmarked search on **85** queries over **423** real places: embeddings (top **3**) matched the accuracy of a Gemini call (**97.6**% vs **95.3**%) at 15x lower p90 latency (**407** ms vs **6,025** ms); shipped a search mode with no LLM call.

Stack: Better Auth, Docker, Gemini API, Hono, PostgreSQL, Prisma, TypeScript, Zod OpenAPI

Swiftbeauty · 2025 · Lead developer swiftbeauty-app-dev.vercel.app

Platform for the beauty industry with a directory of masters, a shop, a subscription video academy, live events and webinars, and reviews.

- Led **1** other developer and built about **80**% of the Next.js app meant to replace the PHP back end: UI, API and tests (**1,500+** cases) on **84** mostly legacy Prisma models.
- Found that **92**% of production requests missed the cache because of one root-layout setting; restored static pages with hourly revalidation and removed a monitoring tunnel that made up **28**% of function invocations.
- Linked Stripe subscriptions to legacy members ahead of the move off PHP, moved video from CastLabs to Mux, and cut the end-to-end test run in CI about 2x from a **17-minute** baseline.

Stack: Better Auth, Docker, Next.js, PostgreSQL, Prisma, Tailwind CSS, TypeScript, Vercel

EDUCATION

School of Business and Management Technology of Belarusian State University (SBMT BSU) 2018 – 2022 · Minsk, Belarus

Bachelor of Marketing

LANGUAGES

English (C1) · **Russian** (Native)

INTERESTS

Dungeon Master for **500+** Dungeons & Dragons games since **2021**: planning, improvising and keeping a group on one goal. I also play guitar.