Dominik Kurbiel

Senior Fullstack Engineer · React / Next.js / TypeScript · .NET / NestJS

Katowice, Poland · Remote · +48 508 090 927 · dominik.kurbiel@gmail.com · linkedin.com/in/dominik-kurbiel
dominikkurbiel.dev · github.com/dominikkurbiel

SUMMARY

I'm a senior fullstack engineer with 10 years of experience, strongest in React, Next.js and TypeScript. I build high-traffic marketplaces, Telegram Mini Apps and video platforms with up to 800K monthly users. On the backend I work with .NET and NestJS, mostly on business modules, analytics, admin tools and integrations. I focus on frontend architecture, reusable components, performance, SEO and test automation, and I use AI agents such as Claude Code every day.

TECHNICAL SKILLS

Frontend: TypeScript, JavaScript, React 19, Next.js (App Router, Pages Router, SSR, ISR), TanStack Query, Redux, XState, React Hook Form, Tailwind CSS, styled-components, Storybook, i18next, Core Web Vitals, SEO

Backend: Node.js, NestJS, REST APIs, TypeORM, C#, .NET 9/10, ASP.NET Core, EF Core, Hangfire, SignalR, WebSockets, Strapi

Architecture & security: Clean Architecture, CQRS (MediatR), Redis Pub/Sub, SSO (OAuth 2.0, PKCE), RBAC, Cloudflare Turnstile

Data: PostgreSQL, MongoDB, Redis, Elasticsearch

Testing & DevOps: Playwright, Cypress, Vitest, Jest, xUnit, GitHub Actions, Docker, .NET Aspire, DigitalOcean, pnpm, Sentry, PostHog, GA4

AI engineering: Claude Code, Model Context Protocol (MCP), LLM integration and content pipelines

WORK EXPERIENCE

UN7 · Senior Fullstack Engineer

Remote · Aug 2023 – Nov 2026

Marketplace for digital game items Web · 500K monthly users

- Owned features end to end, from planning and research through architecture, frontend and backend.
- Co-developed core .NET 9/10 business modules with Clean Architecture, CQRS, EF Core, Hangfire and SignalR.
- Built Node.js inventory analytics tools in NestJS (item tiering, inventory health) and a REST API used by analysts.
- Built an LLM content pipeline that combines market news, price history and product context; a daily job proposes 3–4 posts for human review.
- Reduced LCP from over 2 s to 0.6 s, raised Lighthouse Performance from about 30 to 80, and built the SEO architecture (JSON-LD, hreflang) for 11 languages with about 80K indexed pages.
- Architected a Playwright E2E suite of 500+ tests that runs in about 10 minutes in CI.
- Optimized checkout and conversion funnels, added Cloudflare Turnstile bot protection and Redis Pub/Sub for cross-container ISR revalidation.
- Led migrations to Next.js 16, React 19, Node.js 24 and Strapi v5.
- Built an admin suite for support, finance and fraud teams: financial dashboards, ticketing, role-based access (RBAC) and SSO on the frontend of 4 internal apps.

Technologies: TypeScript, Next.js, React, styled-components, TanStack Query, i18next, C#, .NET 9/10, EF Core, Hangfire, SignalR, Node.js, NestJS, Redis, Playwright, Strapi

Marketplace for game skins and game keys Web

- Worked on XState state machines for payment flows: balance top-ups with several providers, payouts and checkout.
- Developed predictive search, feature flags and multi-language pages with i18next.
- Maintained the shared UI component library in Storybook: upgraded Storybook, restructured the component folders and extracted reusable components and hooks.
- Set up the Strapi CMS with Docker and GitHub Actions.
- Wrote Cypress E2E tests for balance top-ups and promo codes.
- Also worked on the .NET backend modules.

Technologies: TypeScript, Next.js, React, Tailwind CSS, XState, TanStack Query, React Hook Form, i18next, SignalR, Cypress, .NET, Strapi

Telegram Mini App with reward-based games Telegram Gifts (digital collectibles)

- Built game modes around Telegram Gifts, digital collectibles with a fixed supply: mystery boxes, item upgrades, PvP duels and spin games.
- Implemented real-time game updates over WebSockets, an affiliate system, and payments with Telegram Stars and TON Connect.

Technologies: TypeScript, Next.js 15, React 19, Tailwind CSS 4, WebSockets, Telegram Stars, TON Connect

Telegram Mini App with a Phaser game Up to 800K monthly users

- Built a Phaser 3 game where users build and upgrade villages with collected coins, plus spin games and other mini-games.
- Built an affiliate system and integrated TON Connect and Telegram Stars payments.

Technologies: TypeScript, Phaser 3, React, WebSockets, Telegram Stars, TON Connect

---

Stream Sage · Senior JavaScript Developer Remote · Jan 2021 – Aug 2023

Shoppable video platform (streamsage.io) Video commerce · Web · Team of 3–4

- Built the platform from scratch, including a shared component library in Storybook, and mentored junior developers.
- Built most of the producer console for Mux live video: RTMP events, Mux Studio broadcasting and restreaming.
- Created a VOD timeline editor for placing products on videos, and asynchronous MP4 clip export.
- Built the Next.js viewer with SSR and PubNub live chat.
- Worked on the NestJS backend and integrations (about 20–30% of time).

Technologies: TypeScript, React, Next.js, Mux, PubNub, NestJS

Jazzy Innovations · Front-End Developer Gliwice · Nov 2017 – Jan 2021 · software house

Ad campaign dashboard (nexta.io) Ad tech · Web

- Developed the frontend of a multi-channel campaign dashboard, working in English with the client's Danish team.

Technologies: React, Redux, Webpack, Recharts

E-learning platform (acoucou.org) KFB Acoucou · Education · Web

- Built interactive e-learning lessons with end-of-course exams.

Accessible website Wspornik, a support service in Kraków · Web

- Delivered an accessible website with full keyboard navigation.

Ernabo · Junior Front-End Developer Dec 2016 – Nov 2017

Built client websites with HTML, CSS (Sass, BEM), JavaScript and WordPress.

EDUCATION

Bachelor's degree in Computer Science (Software Engineering)

University of Economics in Katowice · 2015 – 2018

LANGUAGES

Polish – native

English – Upper-intermediate

EF SET 78/100 · C2 in reading and listening
cert.efset.org/en/RgthtG

I authorize the processing of my personal data for current and future recruitment processes in accordance with the GDPR.