

Kamil Zieliński

Frontend Engineer | React · Next.js · TypeScript · Design Systems · Performance

Gdańsk, PL · Remote / Open to Relocation · +48 691-534-264 · zielinskideveloper@gmail.com
kamilcode.com · linkedin.com/in/kamil-zieliński

PROFESSIONAL SUMMARY

Frontend Engineer with 6+ years shipping React and Next.js products at consumer scale. Core engineer at **Wakacje.pl** — Poland's #1 travel platform (part of Wirtualna Polska Holding), millions of monthly visits — where I **own the company-wide Design System** adopted by every frontend team, **re-architected the multi-product booking flow**, and **led a 5-person cross-functional squad as Acting Team Lead** through a six-month reorganization. Depth in Next.js/SSR architecture, design-system ownership, Core Web Vitals performance, accessibility (WCAG), and full-lifecycle delivery from web to React Native.

KEY ACHIEVEMENTS

- **Design System ownership** — Architected and shipped Wakacje.pl's cross-team React component library end-to-end, now adopted by every frontend team; reduced implementation time for new UI features by an estimated **30–40%** and unified accessibility, styling, and interaction patterns across booking, search, CMS, and consultant surfaces.
- **Booking flow re-architecture** — Rebuilt the multi-product Next.js + TypeScript booking flow (flights, packages, insurance, add-ons), replacing legacy consultant-assisted logic with a self-service architecture — materially reducing legacy code paths and maintenance cost while expanding what customers can complete without human intervention.
- **Acting Team Lead** — Led a 5-person cross-functional team (3 FE / 1 BE / 1 QA) through a six-month reorganization; every sprint delivered on schedule, **zero critical production incidents**, while retaining hands-on ownership of three core modules.
- **Performance & Core Web Vitals** — Drove CWV improvements on high-traffic landing and booking pages: **LCP improved ~15–25%**, Lighthouse scores lifted into the **90+ range**, bundle size reduced **~15–25%** via dependency cleanup and code splitting — directly supporting SEO on a domain with millions of monthly visits.
- **Pstryk** (App Store + Google Play) — Delivered core features for a live React Native consumer energy app: dynamic-pricing billing, real-time consumption and carbon-footprint tracking, secure in-app payments.
- **Ozonation platform (ZTM Gdańsk)** — Co-built and deployed an autonomous public-transport disinfection system (React Native + Next.js + Node.js + embedded C) to Gdańsk's live bus/tram fleet during COVID-19 — measurable public-health impact in a real production deployment.
- **Consultant panel** — Shipped an internal matching tool that replaced a manual, spreadsheet-driven workflow; consultant handling time per booking dropped from tens of minutes to under a minute.

SKILLS

Frontend	React · Next.js · TypeScript · JavaScript · HTML5 · CSS3
Architecture	Frontend Architecture · Design Systems · SSR · SSG · CSR · Core Web Vitals · Performance · Accessibility (WCAG) · SEO
State Management	Redux · Zustand · TanStack Query · MobX
Styling	Tailwind · Styled-components · CSS Modules
Testing	Jest · React Testing Library · Cypress · Storybook
Mobile	React Native · iOS + Android delivery
Backend	Node.js · Express.js · Nest.js · REST · GraphQL · MongoDB
Tooling	Git · CI/CD · Webpack · Vite · Storybook · Postman
Leadership	Technical Leadership · Code Review · Mentoring · Sprint Planning · Estimation · Cross-team Collaboration

EXPERIENCE

Frontend Engineer · Acting Team Lead

07.2021 – Present

Wakacje.pl — Poland's #1 travel platform (WP Holding) · Gdańsk / Remote · Full-time

Acting Team Lead (01.2025 – 07.2025)

- **Situation:** Company-wide reorganization removed leadership from a 5-person cross-functional squad (3 FE / 1 BE / 1 QA) mid-cycle, putting the roadmap and PO commitments at risk.
- **Action:** Stepped in as Acting Team Lead. Owned sprint planning, estimation, backlog prioritization, and PO/stakeholder alignment. Ran code reviews and set technical direction; unblocked cross-team dependencies; onboarded and coached two developers through their first production changes — all while retaining hands-on ownership of three production modules.
- **Result:** Six consecutive sprints delivered on schedule, zero critical production incidents, no measurable drop in team velocity. Handed leadership back with the team stable, aligned, and shipping predictably.

Frontend Engineer (07.2021 – Present)

- **Design System — architecture & adoption** — Owned Wakacje.pl's cross-team React component library from initial architecture through rollout to every frontend team. Consolidated dozens of ad-hoc components into a versioned, WCAG-aligned library with Storybook documentation. Reduced time-to-build for new UI features by an estimated **30–40%**, cut duplicated implementation across booking, search, CMS, and consultant surfaces, and gave design and engineering a shared language.
- **Booking flow — Next.js re-architecture** — Re-architected the multi-product reservation flow in Next.js + TypeScript to support product variants (flights, packages, insurance, add-ons). Replaced legacy logic that forced customers into consultant-assisted booking with a self-service architecture — materially reducing legacy code, simplifying maintenance, and expanding the surface customers can complete without human intervention.
- **Consultant panel** — Designed and delivered an internal tool matching customer profiles to available inventory in real time, replacing a manual, spreadsheet-driven workflow. Consultant handling time per booking dropped from tens of minutes to under a minute, reducing consultant workload and improving operational throughput.
- **Performance & Core Web Vitals** — Led CWV improvements across core landing and booking pages: LCP improved **~15–25%**, Lighthouse scores lifted into the **90+ range**, bundle size reduced **~15–25%** through dependency cleanup and code splitting, plus hydration and rendering optimizations that reduced client-side JavaScript on SSR pages. Directly supported organic traffic and search ranking on a domain with millions of monthly visits.
- **CMS enablement** — Rebuilt content management panels so marketing and content teams can ship landing pages, promotions, and editorial updates end-to-end without frontend involvement — freeing meaningful engineering capacity every sprint and shortening time-to-market for campaigns.
- **Code review & mentoring** — Anchor reviewer on core frontend modules; onboarded two developers into the codebase and coached them through their first production changes. Standardized review practices around type-safety, accessibility, and design-system compliance — noticeably reducing onboarding time for new developers.
- **Full-stack range** — Contributed across Node.js / Express / Nest.js backends, REST + GraphQL APIs, and MongoDB where cross-team delivery required it — reducing hand-off friction with the platform team.

Frontend / React Native Engineer

03.2023 – 12.2024

Bankilo / Pstryk — Energy tech, dynamic-pricing consumer app · Remote · Part-time

- **Situation:** Bankilo needed to launch **Pstryk** as a live consumer energy platform (real-time consumption, dynamic pricing, secure in-app payments) plus operator tooling for a growing EV-charger network — on top of a legacy React Native codebase.
- **Action:** Delivered core Pstryk features on iOS + Android (App Store, Google Play): dynamic-pricing UI, real-time consumption and carbon-footprint tracking, secure bill payments. Built Next.js admin panels for EV-charger fleet management with live status and QR-code payment integration. Stabilized and modernized the legacy React Native codebase, reducing technical debt to unblock ongoing feature work.
- **Result:** Enabled Pstryk's public rollout as a live consumer product with real transactions and store distribution. Operator tools replaced manual charger management and unlocked self-service billing for end users.

Frontend / React Native Engineer

06.2022 – 02.2023

DeveloArt — Digital agency · Remote · Part-time

- **Situation:** Agency scaling into mobile delivery while maintaining consistent-quality output on client websites.
- **Action:** Shipped cross-platform React Native apps and Next.js client websites; built animation and interaction layers in close collaboration with UX/UI designers; maintained the agency's own mobile app.
- **Result:** Positioned DeveloArt as a mobile-capable vendor and expanded its service offering; client sites shipped with production-grade performance and SEO baseline.

Junior Full-Stack / React Native Developer

01.2020 – 06.2021

Automex — Industrial IoT / public-sector deployment · Gdańsk · Full-time

- **Situation:** During COVID-19, ZTM Gdańsk needed to safely disinfect its public transport fleet at scale without exposing operators to contaminated vehicle interiors.
- **Action:** Co-built an autonomous, modular ozonation platform end-to-end — React Native operator app, Next.js/React web management panel, Node.js + Express + MongoDB backend, integrated with embedded C firmware on device.
- **Result:** Deployed to ZTM Gdańsk's live bus and tram fleet during the pandemic — a real production system, not a prototype, with measurable public-health outcome in a demanding public-sector context.

EDUCATION & LANGUAGES

Engineer of Computer Science

WSB University in Gdańsk · 2017 – 2021

Languages

Polish (native) · English (B2 — professional working)