

Damian Żygadło

Senior Frontend Developer

Kętrzyn (willing to relocate) zygadlo damian@gmail.com +48 574 688 012

Availability: 1-month Preferred contract: B2B

About me

5+ years of experience building production **React**, **TypeScript**, and **Next.js** applications across travel, e-commerce, iGaming, and enterprise internal tooling. At Wakacje.pl I architected a bundle-size reduction **from 1.8 MB to 500 KB** and an FCP improvement **from 1.6s to 0.9s** with a request-retry mechanism that lifted the E2E test pass rate from 63/108 to 102/108 and reduced daily Sentry incident volume. Earlier, as the lead frontend on a 3-person team at Fujitsu, I owned the tech-stack and domain-architecture decisions for a from-scratch SAP-administration dashboard which demonstrated a **~70% reduction in time-to-complete** for core SAP-team tasks. My most challenging project was taking over a legacy iGaming casino at Crustlab — reverse-engineering an undocumented 3rd-party provider integration, then driving the migration to a new provider and replacing legacy UI logic with native React components, **reducing TTI from 7s to 2s**. Outside of client work, I've helped junior developers break into frontend through my YouTube channel [bewebdev.tech](https://www.youtube.com/channel/UCbwebdev) and Discord communities — **at least 5 have landed their first roles**.

Skills

- Languages & Frameworks: TypeScript, JavaScript, React, Next.js, Node.js, HTML, CSS
- State & Data: Redux, Zustand, React Query, MobX
- Styling: Tailwind CSS, SASS, LESS, styled-components
- Testing & Tooling: Jest, Vitest, React Testing Library, Cypress, Vite, Claude Code, Cursor, GitHub Copilot
- Spoken: English (B2), Polish (Native)

Experience

Senior Frontend Developer at Wakacje.pl, February 2026 – now

Architected bundle-size reduction **from 1.8 MB to 500 KB** and First Contentful Paint **from 1.6s to 0.9s** by removing duplicated design-system packages, deduplicating Node dependencies, and migrating the JavaScript promotions dictionary to SSR (validated via Lighthouse CLI before/after). Built request-retry mechanism (network failures and 5xx

errors, ~1.5% of production requests), lifting the E2E test pass rate **from 63/108 to 102/108** and reducing daily Sentry incident volume directionally **from ~800 to ~500**. Drove migration from Babel preprocessor to the Next.js compiler, **reducing cold builds from 180s to 80s (-55%) and warm builds from 50s to 32s (-36%)**. Eliminated unpredictable version-skew failures previously **breaking 10–15% of releases per month** — removing a recurring source of unplanned rollbacks. Resolved Sentry/webpack race condition crashing development environments, **eliminating recurring 2–3-day delays in testing phases across release cycles**. Migrated legacy components to the internal Design System; resolved focus race conditions and accessibility gaps (aria-labels, focus borders, screen-reader announcements) across search popups; led above-the-fold A/B test redesign across desktop/mobile viewports including DS Carousel integration and skeleton loading states.

Tech stack: Next.js, React, TypeScript, JavaScript, React Query, MobX, Vitest, styled-components, Claude Code, Node.js, Jira, GitLab

Senior Frontend Developer at Crustlab, March 2024 – November 2024

Led migration from a legacy 3rd-party iGaming provider to a new vendor, reverse-engineering the existing integration and designing the replacement API client in coordination with the new provider. **Reduced Time-to-Interactive from 7s to 2s (-71%)** by replacing iframe-embedded provider UI with native React components, validated via PageSpeed Insights. Initiated accessibility and UX improvements during the rebuild, raising standards beyond the original integration baseline. Built login and registration UIs and corresponding API integrations from scratch as part of the new provider rollout.

Tech stack: Next.js, React, TypeScript, JavaScript, React Query, styled-components, GitHub Copilot, Jira, GitLab

Senior Frontend Developer at Fujitsu, May 2022 – February 2024

Owned tech-stack selection and domain architecture for the rewrite, defining the module structure and frontend conventions the team built against. Proof-of-concept of the new frontend **demonstrated a ~70% reduction in time-to-complete for core SAP-team tasks vs. legacy tooling**, validating the rewrite and unlocking full project scope. Produced wireframes and UI specifications in Material UI to define screens and component patterns, then collaborated with backend and product stakeholders to refine requirements into shippable designs.

Tech stack: React, TypeScript, SCSS, Material UI, GitHub Copilot, Jira, GitLab

Frontend Developer at Blue Owl, June 2021 – April 2022

Built e-commerce websites for agency clients, collaborating directly with stakeholders on requirements, design execution, and implementation. Initiated the addition of a blog/content section for a client store, **driving a 15% increase in monthly visitors (125,853 to 150,000)** through expanded SEO surface area and content engagement.

Tech stack: React, TypeScript, SCSS, Gatsby, GraphQL, Wordpress, GitHub, Clickup

Frontend Developer at Miejskie Wodociągi i Kanalizacja, February 2020 – May 2021

Maintained the "Kętrzyńska Przystań" resort website and social media; content and SEO foundations contributed to the resort reaching profitability for the first time within months of my departure.

Tech stack: jQuery, JavaScript, HTML, CSS

Courses

Architekt Jutra by devstyle.pl, February 2026 – now

Software architecture for AI-era systems: modular and plugin-based patterns (Macro-Kernel, hexagonal), enterprise AI integration (LLM Gateway, MCP, RAG, EU AI Act compliance), and AI-driven SDLC practices.

Fullstack Workshop Series Vol. 1 by Kent. C Dodds, July 2023 – August 2023

Web forms, database modeling, authentication, and testing patterns.

Total TypeScript by Matt Pocock, March 2023 – April 2023

Type transformations, generics, and advanced patterns (branded types, builder pattern).

Architektura na Froncie by devstyle.pl, January 2023 – March 2023

Enterprise-level React architectures, design patterns, and state machines.

I hereby give consent for my personal data included in the application to be processed for the purposes of the recruitment process and future recruitment processes in accordance with Art. 6 paragraph 1 letter a of the Regulation of the European Parliament and of the Council (EU) 2016/679 of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).