

Dominik Zajac

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EDUCATION

Bachelor of Engineering in Computer Science

Poland

Politechnika Rzeszowska

2020 – 2026

EXPERIENCE

Frontend Software Engineer

Kruko.io (Legacy.com)

06.2025 – Present

- Build and ship React 19 and Next.js applications with TypeScript, server and client components, SSR and ISR, raising Lighthouse scores from 40–60 to consistent 90+ through performance-conscious rendering, lazy loading and image optimization, so high-traffic ad-supported pages reached users globally and revenue grew measurably.
- Implement product features (cart, checkout, search, subscriptions) with full loading, error and empty states using TanStack Query and TanStack Form, rendered through a shared Storybook design system with Tailwind CSS tokens in a Turborepo monorepo.
- Write testable and clean code with Jest unit tests, Playwright integration and E2E tests, design patterns, and TDD, pushing to production through CI/CD (GitHub Actions), monitoring with Sentry and Datadog.

Frontend Software Engineer

Kruko.io

07.2023 – 05.2024

- Built a government e-commerce and eligibility portal for Texas residents in React, TypeScript, Next.js, HTML5 and CSS3, implementing shopping workflows, form validation and responsive design on mobile and desktop, so residents applied independently.
- Delivered semantic, accessible (WCAG) responsive interfaces over REST APIs with JWT authentication and protected routes, plus careful handling of user data, so a high-availability public system stayed usable and private on every device.
- Optimized for SEO and performance through semantic markup, responsive images, code splitting, and measured Core Web Vitals, so search visibility and page speed improved together.

Software Engineer

Couchbase (via Kruko.io)

02.2025 – 06.2025

- Built the open-source Couchbase Lite SDK in TypeScript across React Native and Ionic/Capacitor, implementing local-first storage and replication with Jest and integration tests, so offline-first apps stayed functional and synced cleanly on reconnect.

Frontend Software Engineer

Kruko.io

07.2022 – 07.2023

- Designed and built an internal CRM with React, TypeScript, and Styled Components on Redux Toolkit and REST APIs, plus a reusable Storybook component library, so internal teams shipped new tools faster and stayed on brand.

TECHNICAL SKILLS

Core: React 18/19 (hooks, state, component patterns), TypeScript, JavaScript, Next.js (App Router, server/client components, SSR/ISR), HTML5, CSS3, responsive design

Styling: Tailwind CSS, Styled Components, CSS-in-JS, SCSS, token-based design systems

State & Routing: TanStack Query, TanStack Router, TanStack Form, Redux Toolkit, Zustand, Context API

Testing: Jest, Playwright, Cypress, TDD, E2E and integration testing

Build & Tooling: Webpack, Vite, Turborepo, Docker, CI/CD (GitHub Actions)

Performance & SEO: Lighthouse optimization, Core Web Vitals, lazy loading, code splitting, responsive images, semantic markup, SEO best practices

Data & APIs: REST APIs, GraphQL (client-side), HTTP, JWT authentication, session handling

Observability: Sentry, Datadog, monitoring, browser RUM

Accessibility: WCAG, semantic HTML, ARIA, responsive interfaces

AI Coding: Claude Code, GitHub Copilot, daily use in development workflow