

Michał Sawicki

Full-Stack Developer

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SUMMARY

Full-Stack Developer with 5+ years in the JavaScript/TypeScript ecosystem - deep frontend roots in React and Next.js, now shipping end-to-end products: type-safe APIs (tRPC, NestJS), PostgreSQL/MySQL data models, payment and third-party integrations, and the CI/CD and Docker infrastructure that keeps them running. Owning features from database to UI and working directly with clients and international stakeholders.

WORK EXPERIENCE

Freelance Full-Stack Developer

Self-employed

Mar 2026 - Present

Modular House Manufacturer - Website, Configurator & Admin Panel

- Extended the online house configurator and its admin panel end-to-end (Next.js, tRPC, Drizzle ORM, PostgreSQL) with new configuration fields (financing, building plot, lead time), side-by-side configuration comparison, and richer generated PDF offers.
- Automated lead handling by routing every website form to n8n workflows under a documented payload contract, alongside MJML email templates, MailerLite and Firestore.
- Took over and extended a multilingual (PL/DE/EN) Next.js marketing site driven by Prismic CMS, adding new Slice Machine slices (reviews and article carousels, CMS-driven footer, catalog) and pages (reviews, localized 404 with SEO).

GraMuzyka - Concert Ticketing Platform & CRM

- Built a code-first internal CRM on Twenty (TypeScript, NestJS, PostgreSQL) replacing Zoho CRM - modeling venues, a kanban reservation pipeline, performer engagements and contract data, and concert formats - and migrated the existing Zoho data into it.
- Customized the WooCommerce + Tickera ticket sales flow for a concert producer touring ~11 Polish cities with 60-80 events a year: streamlined checkout, localized seat-map picker, imoje payment notification webhooks, stock restoration on refunds, and Apple Wallet / Google Wallet ticket passes.
- Self-hosted the client's infrastructure on a Linux VPS: Twenty CRM in Docker, a Mailcow mail server delivering ticket confirmations, and Vaultwarden as the team's password manager.

Frontend Developer

The Software House

Dec 2023 - Present

Digital Workforce Management Platform

- Shipped end-to-end product flows in a cross-functional Agile team (10+ members), aligning API contracts with the BFF and backend teams.
- Built and maintained a React SPA with TypeScript, Zustand, shared i18n, and an internal design system.
- Implemented WCAG/ARIA accessibility improvements following an accessibility audit (semantic markup, keyboard navigation, focus management, screen-reader support).
- Improved performance via locale-based code splitting and lazy-loaded translation chunks, reducing initial bundle size by ~200-300 KB.

Software Developer

Pagepro

Jul 2022 - Nov 2023

Online Learning Platform

- Cut the platform's highest recurring hosting expense by ~30% by redesigning image delivery: replaced Vercel image optimization with pre-generated image sizes served from AWS S3.
- Built and improved features in a Next.js application using a mix of SSR/ISR and client-side rendering, with a GraphQL data layer on top of a Strapi headless CMS.

Software Development Company Website

- Automated Cloudflare cache invalidation on publish (API-triggered purge + SSG rebuild) to keep content fresh, and contributed to PageSpeed/Core Web Vitals optimizations (~10-15% improvement).

- Built the site with Next.js using SSG and integrated Storyblok as a headless CMS (dynamic blocks/components + live preview) to enable non-technical content updates.

Various Projects

- Automated content workflows by integrating AI-assisted translation (DeepL API) into a Sanity CMS setup, streamlining localization and reducing manual content overhead.
- Modernized and maintained frontend applications by leading a major Ant Design upgrade (v3 → v5), improving UI consistency and keeping dependencies current.

Frontend Developer

LBPro

Apr 2021 - May 2022

Parking Lot Management System

- Built and shipped features in React with Redux on top of REST APIs, aligning API contracts with the backend team within a cross-functional product team.
- Implemented core "parking manager" workflows, including UI for configuring pricing, parking rules, and managing parking spaces.

Quality Assurance

LBPro

Sep 2020 - Mar 2021

Parking Lot Management System

- Performed manual and functional testing for web application features, verifying requirements and supporting release readiness in collaboration with developers, PM and BA.
- Maintained test documentation and reported defects with clear reproduction steps, expected vs. actual results, and supporting evidence to speed up fixes.

SKILLS

Languages & Core: TypeScript, JavaScript (ES6+), Node.js, PHP, SQL, HTML5, CSS3

Frontend: React, Next.js (App Router, CSR, SSR, SSG, ISR), Tailwind CSS, State Management (Redux, Zustand), Data Fetching (React Query), Schema Validation (Zod), Storybook, Ant Design, Design Systems, Accessibility (WCAG, ARIA), Internationalization (i18n), Performance Optimization (Core Web Vitals)

Backend & APIs: NestJS, Express, REST APIs, GraphQL, tRPC, Webhooks, Payment Integrations (imoje, WooCommerce), Third-party APIs (Meta Conversions API, Omnisend, MailerLite, DeepL)

Databases & CMS: PostgreSQL, MySQL, Drizzle ORM, Firebase (Firestore), WordPress (Gutenberg, WooCommerce), Twenty CRM, Headless CMS (Prismic, Strapi, Storyblok, Sanity)

Cloud, DevOps & Infrastructure: AWS (S3, CloudFront, Lambda), Vercel, Cloudflare, Docker, Docker Compose, Linux VPS, GitHub Actions, GitLab CI/CD, rsync/SSH Deployments, Staging/Production Environments, Self-hosting (Mailcow, Vaultwarden)

Testing & Quality: Jest, Vitest, React Testing Library (RTL), Playwright, MSW (Mock Service Worker), Postman, SonarQube, Sentry

Automation & Tools: Git, GitHub, n8n, MJML, Google Tag Manager, Hotjar, ESLint, Prettier

Languages: Polish (Native), English (Upper-Intermediate, B2)

EDUCATION

Bachelor of Engineering in Computer Science

Białystok University of Technology, 2018 - 2022