

Maciej Zysk

Senior Full Stack Developer · Remote from Poland (CET)

18 yrs · Next.js · TypeScript · Node.js · Go · Edge & Cloud · AI / MCP

✉ kontakt@maciejzysk.com ☎ +48 609 657 585 🔗 github.com/studio404pl 🌐 studio404.pl

PROFILE

Senior Full Stack Developer with 18 years of commercial experience, including 10+ years of remote work for North American clients. Specializes in headless Next.js architectures, TypeScript/Node.js and Go APIs, and edge/cloud infrastructure for high-traffic publishing products. Experienced in technical decision-making, code reviews and supervising other developers. Currently building AI-driven design-to-code and testing workflows with Anthropic Claude and the Model Context Protocol (MCP).

SKILLS & TECHNOLOGIES

Frontend	Next.js	React	TypeScript	TanStack Query	React Hook Form	Radix UI
	Tailwind CSS	SASS	next-intl	Gatsby		
Backend & API	Node.js	NestJS	Go	PHP	GraphQL	REST
					ts-rest	Zod
Data & CMS	PostgreSQL	MySQL	Drizzle ORM	Headless WordPress	Sanity	
Cloud & DevOps	AWS	Vercel	Netlify	Docker	GitHub Actions	WP Engine
					Flywheel	
Testing	Playwright	Puppeteer	Vitest	Testing Library	Supertest	Gradual rollouts
AI & Design	Anthropic Claude	MCP	Agentic workflows	Figma	Design tokens	

EXPERIENCE

Full Stack Developer · Freelance Aug 2026 – present
Engineering & Design Services Company · Poland · Rail & maritime industry

- Building an internal web application / CRM for a firm providing engineering documentation and approval-process support to railway repair plants, manufacturers and maritime subcontractors.
- Architected a TypeScript monorepo with shared, type-safe API contracts (ts-rest + Zod) between a NestJS API and a Next.js 16 / React 19 frontend.
- Built the PostgreSQL data layer with Drizzle ORM and a multilingual UI with next-intl and Radix UI components, covered by Vitest, Testing Library and Supertest.

Stack: Node.js · NestJS · Next.js · React · TypeScript · PostgreSQL · Drizzle · Tailwind · Vitest

Senior Software Developer · Consultant 2025 – 2026
Redbrick Technologies Inc. · Victoria, BC, Canada · Remote

- Maintained and optimized web products across Redbrick's portfolio of 6 brands, with a focus on high-performance frontend delivery.
- Created "living brand guides": exported Figma and live-site data into a standardized JSON schema (brand colors, marketing voice, nested components with inheritance, interactive states) and used it to AI-generate Tailwind themes, components and complete landing pages.
- Led Next.js static site generation and deployments on Vercel and Netlify, including custom web workers and edge functions.
- Integrated Sanity Studio as a headless CMS, using its GraphQL API for fully typed data querying in TypeScript.
- Built MCP-based browser automation for end-to-end testing and internal tools powered by custom agentic skills (Anthropic Claude).

Stack: Next.js · TypeScript · Tailwind · Sanity · GraphQL · Vercel · Netlify · Playwright · Claude · MCP

Full Stack Developer · Consultant

2018 – 2019 · 2025

MidCurrent · Fort Collins, CO, USA · Remote

- **Jun 2018 – Jul 2019:** As the sole developer, delivered a complete frontend redesign and site migration on the legacy database, reworking all routing and templates with a focus on SEO and performance (160+ hours).
- **2025:** Returned to the platform after ~5 years without active development; refactored the backend and frontend and modernized the application architecture.
- Built a secure paid membership system with gated content areas using Memberful.
- Significantly improved load times and resource usage, reduced Cumulative Layout Shift to 0 and reached all-green Core Web Vitals, alongside major accessibility improvements.

Stack: WordPress · PHP · Memberful · JavaScript · SCSS

Full Stack Developer · Consultant

Jul 2020 – 2025

Assembly Technologies Inc. (2020 – 2022) → Assembly Digital Limited (2023 – 2025, via acquisition) · Victoria, BC, Canada · Remote

- Supervised other developers' work and ran code reviews on a team of ~10 (including co-op students); took part in architecture and technical decisions.
- **2020 – 2022:** Co-architected and built a proprietary, high-traffic headless publishing and ad-delivery platform: a performance-critical Next.js frontend and a custom Go API, with WordPress used purely as a content source, deployed on AWS.
- **2023 – 2025:** Maintained and scaled the platform, expanding its capacity to onboard the properties of a leading Toronto-based magazine and digital media publisher and digitalize its portfolio of national publishing brands.
- Delivered migrations and product launches safely through partial traffic rollouts backed by end-to-end test coverage.

Stack: Next.js · React · Go · Headless WordPress · GraphQL · AWS · E2E testing

Full Stack Developer · Consultant

2016 – Jun 2020

Redbrick Technologies Inc. · Victoria, BC, Canada · Remote

- Developed core features, performance improvements and maintenance for WordPress-based products serving a global user base, on Flywheel and WP Engine with webpack/gulp build pipelines.

Stack: WordPress · PHP · JavaScript · SCSS · webpack · gulp · WP Engine · Flywheel

Full Stack Developer · Freelance

2014 – 2019

Clients in the USA & Canada

- **getfitz.ca** (2014 – 2016) – Built a gym aggregation platform offering one subscription across multiple facilities. Owned the full lifecycle: design, PHP/MySQL development, Mindbody API integration and ongoing maintenance.
- **Naturally Splendid Enterprises Ltd.** (Oct 2016 – Oct 2019, Pitt Meadows, BC) – Developed and maintained the company's portfolio of websites under a long-term maintenance agreement.

Stack: WordPress · PHP · MySQL · Mindbody API

Web Developer · Freelance

2008 – 2013

Clients in Poland

- Delivered custom web projects built on popular CMS platforms, handling development, server configuration and direct client relations.

EDUCATION

MSc, Computer Science

College of Informatics and Skills (Wyższa Szkoła Informatyki i Umiejętności), Bydgoszcz
2013 – 2014

BSc (Eng.), Electronics and Telecommunications

UTP University of Science and Technology, Bydgoszcz
Specialization: Multimedia Systems · 2008 – 2012

LANGUAGES

Polish	Native
English	Full professional · 10+ yrs daily