

Bartosz Podgruszecki.

Senior Full-Stack Engineer

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Krotoszyn, Poland · Remote only · B2B

SUMMARY

I'm a Senior Full-Stack Engineer with 17+ years of experience building web products used every day: a telehealth platform (~6,000 patients), trade show software for a global medtech company, route planning that has processed ~50,000 orders and real-time 3D configurators. I work independently or in small teams (up to 5) and own projects from research and estimate to production. I work with AI every day (Claude Code, Cursor), which lets me deliver about 3x faster, and I'm comfortable modernising legacy codebases. Remote only. Main stack: TypeScript, React, TanStack Start, Next.js, Node.js, Firebase, Three.js.

EXPERIENCE

Senior Full-Stack Engineer · Independent (Own business since 2019 · B2B) since 2018

I work for several long-term clients in parallel, usually solo or in teams of up to 5, and own projects from research and estimate to production and maintenance. I use Claude Code and Cursor every day: agents write most of the code, while I plan, review it and cover changes with automated tests. That lets me deliver about 3x faster.

Voltiso (Partner · B2B) since 2018

- Led the development of a telehealth platform for a US medical practice and wrote most of it from scratch, with support from the team on selected parts (Next.js, Firebase, Twilio Video & Chat). Used daily by ~30 doctors, ~6,000 patients and ~6,500 consultations so far.
- Lead developer of a trade show demo platform for a global medtech company. I built most of it from scratch, with the team helping on selected parts (Next.js, Expo, Firebase). 15 shows a year, up to ~1,000 users per 3-day show, QR check-in and CRM integration.
- Develop and maintain the Neurosurgeons of New Jersey website.
- Built mobile apps in Expo / React Native and fast websites on headless CMSs (Sanity.io, Storyblok, Strapi); prepare estimates and documentation and help onboard new developers.

Own products & direct clients (B2B) since 2018

- Designed and built Routes Planner from scratch (Vue.js, Symfony, MySQL, Mapbox), an order and delivery route planning system used daily by 11 companies, ~50,000 orders processed. Leading a multi-tenant SaaS rewrite.
- Built and evolved a real-time 3D garage & kennel configurator (React, Three.js) used by Robstal, At-Stal, Blach-Trans and Taurustal. It grew from a form-based price calculator into a 3D tool with PDF export and online ordering.
- Delivered LLM features: a support chatbot answering questions about a company and its system, AI-assisted content (titles, descriptions, suggestions), article image generation and a voice-assistant integration that automates order placement.

Usterka.pl (Full-Stack Developer · B2B) 03/2025-08/2026

- Worked across front end and back end of the platform built on modern, popular frameworks.
- Maintained and developed the public website and landing pages.
- Co-developed the client panel and the booking system.

Web Developer · Freelance (Projects for agencies and companies, incl. BluePear) 2009-2018

- Built web apps in Vue.js and React with Three.js, and back ends in Laravel and API Platform (REST, JWT).
- Wrote a case management system with a PDF document generator for a law firm and an order management system with map markers for a steel construction manufacturer (the first version of Routes Planner).

- Created custom WordPress themes and plugins and Bolt CMS websites, and optimised sites for SEO and loading speed.
- Designed logos and responsive layouts.

SKILLS

Frontend & mobile: TypeScript, React, TanStack Start, Next.js, Vue.js, Tailwind CSS, React Native / Expo, Three.js

Backend & platforms: Node.js, Firebase, PostgreSQL, MySQL, Symfony, Laravel, Vercel, AWS, Twilio, Stripe, Mapbox

AI & workflow: Claude Code, Cursor, LLM chatbots & automations, Voice assistants, Automated testing, Legacy modernisation

EDUCATION

Master's degree (MSc), Informatics and Econometrics

Wroclaw University of Economics · 2010-2012

Bachelor's degree (BSc), Informatics and Econometrics

Wroclaw University of Economics · 2007-2010

LANGUAGES

Polish: Native

English: B2+/C1 (professional working proficiency)

INTERESTS

Running: I run parkrun regularly and take part in street and trail races. I also enjoy cooking and follow esports.