



Jakub Downarowicz

Mid Fullstack Developer

Fullstack Developer with 4 years of experience in building complex web applications using TypeScript, React.js, Node.js, and Next.js. I specialize in building modern solutions that optimize costs and business processes. I am an enthusiast of modern technologies and actively seek new solutions that enable more efficient fulfillment of business requirements and delivering value to clients.

CONTACT

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EDUCATION

Master's Degree - Web Application Programming WSB Merito Gdańsk | 2022 - 2024 | Gdańsk

Bachelor's Degree - IT and Econometry University of Gdańsk | 2019 - 2022 | Gdańsk Specialization: Applications in Business

TECH STACK

- **Languages:** JavaScript, TypeScript, SQL, HTML5, CSS3
 - **Frontend:** Next.js, React, React Router, TanStack Query, Zustand, Redux, Framer
 - **Backend:** NestJS, Node.js, Express, RESTful APIs, GraphQL, WebSockets
 - **Databases:** PostgreSQL, MySQL, MongoDB, Redis, Prisma, TypeORM, Knex
 - **Tools:** Git, Docker, Visual Studio Code, Cursor, Claude Code, JIRA, Nginx, Linux, n8n, ClickUp
 - **Libraries:** Zod, ShadcnUI, TailwindCSS, Sass, Jest, React Testing Library, styled-components
 - **Cloud & DevOps:** AWS (EC2, S3), Docker, CI/CD, Server Configuration, Performance Optimization
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PROFESSIONAL EXPERIENCE

December 2022 -
Present

FREELANCE | FULLSTACK DEVELOPER

- Lead acquisition, requirements gathering, designing, and implementing dedicated web applications for small and medium businesses
- Task estimation and ensuring adherence to complex delivery deadlines
- Analysis and research of innovative solutions enabling efficient fulfillment of niche business requirements

MINTLEASING - CAR LEASING COMPANY | NEXT.JS, REACT, TYPESCRIPT, POSTGRESQL, ZOD, PRISMA, SHADCNUI, TANSTACK QUERY, DOCKER

- Managed the complete project from conception to production deployment
- Designed and built a comprehensive admin dashboard with advanced functionalities for car management, brand administration, and dynamic feature code system
- Completely rebuilt the website layout implementing Server-Side Rendering (SSR) with dynamic loading optimization and Zustand state management for enhanced performance
- Architected and implemented complex database structure for feature codes, vehicles, models, and their relationships using PostgreSQL and Prisma ORM
- Maintained daily client communication, translating business requirements into technical specifications and providing regular progress updates
- Configured Nginx server with password-restricted development environment and optimized production deployment settings
- Implemented responsive design with mobile-first approach ensuring seamless experience across all devices

URCUP STORE MANAGEMENT SYSTEM | REACT (VITE), IONIC, NESTJS, MYSQL, REDIS, DOCKER, AWS EC2

- Developed a hybrid application for warehouse management (React.js + NestJS)
- Developed tools for creating invoices managing products, clients and orders
- Implemented PDF generation process based on passed data and information with a possibility to sign it, send it to mail or discard the invoice.
- Application has been used for several years by a major Opener Festival operator, enabling smooth inventory control and resource management at food points despite limited connectivity.

MNCENTRUM PHYSIOTHERAPY CENTER MANAGEMENT SYSTEM | GATSBY.JS, REACT, GRAPHQL, FIGMA, NETLIFY

- Developed a comprehensive web application supporting customer service and business operations for a small physiotherapy center
- Built static site generation (SSG) application using Gatsby.js and React for optimal performance and SEO
- Implemented appointment scheduling system and service catalog with pricing information
- Designed modern, accessible UI/UX using Figma prototypes focusing on usability for both staff and patients
- Integrated GraphQL for efficient data querying and content management
- Applied Marketing 4.0 principles to enhance digital customer experience and engagement

October 2024 -
February 2025

BUYERMIND | FULLSTACK DEVELOPER/PRODUCT ENGINEER

- Worked with multiple tasks, improving and adding new functionalities to working BuyerMind system such as: sending e-mail templates to SES.
- Created customizable landing page templates for customers using Framer with custom components including surveys, forms, and cookie banners
- Collaborated closely with product owner to validate and shape project requirements
- Worked in a 5-8 person team using Agile methodology
- Tech Stack: Next.js, TypeScript, Turbopack, Zustand, Framer, Strapi, NestJS, AWS S3, PostgreSQL, MongoDB, n8n, Docker

July 2021 -
December 2022

FOTOTRANSFER.PL | FULLSTACK DEVELOPER

- Developed sales and production support system
 - Implemented monitoring and optimization tools to improve production processes
 - Supported technical team in smaller tasks
 - Worked with legacy code modernization and migration to new technologies
 - Collaborated with cross-functional teams to deliver customer-focused solutions
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