

Marcel Moskwa

Full-Stack Developer · Next.js & Node.js

Sosnowiec, Poland · Open to internships & junior opportunities

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Profile

I'm a full-stack developer currently studying Computer Science at the University of Silesia in Katowice, with over 5 years of programming experience and INF.03 / INF.04 certifications. My journey started with a technical programming education and grew through self-taught exploration and hands-on projects.

I enjoy building web applications and bots, primarily working with the Next.js/T3 stack. I'm comfortable across the full stack, from backend logic to frontend UX, and I like experimenting with technologies such as C++ and game development.

Currently, I'm focused on deepening my expertise in modern web technologies while staying open to diverse opportunities in full-stack development.

Skills

Languages: TypeScript, JavaScript, PHP, C++, SQL

Web & Frameworks: Next.js, React, Node.js, Express, T3 Stack, Tailwind CSS

Databases: MySQL, MongoDB, PostgreSQL, Drizzle ORM

Other: Git, REST APIs, WordPress (custom plugins & backend logic)

Work Experience

Software Development Intern — Hurtopony

May 2023 · Sosnowiec, Poland

Tech: PHP, HTML/CSS, MySQL

- Developed a PHP-based reporting system for logistics and reporting departments.
- Built internal tools such as PDF report generation and business calculation modules.
- Improved and refactored existing MySQL scripts for better reliability and maintainability.
- Worked with real company data and adapted tools to day-to-day business needs.

Full-Stack Intern — RecodeIT

May 2024 · Katowice, Poland

Tech: Next.js, TypeScript, T3 Stack, Tailwind, PostgreSQL, Drizzle ORM

- Built and expanded full-stack features using the T3 Stack as part of a production-oriented project.
- Extended an internal employee management panel for leave and holiday management.
- Implemented responsive UI components and improved existing user flows using Tailwind CSS.
- Collaborated with developers in code reviews to maintain high code quality and consistency.
- Supported deployment workflows and participated in monitoring application performance.
- Gained hands-on experience with full-stack architecture, database schema design, and backend-to-frontend integration.

Full-Stack Developer (contract work) — D9 Space / RecodeIT

2024 · Katowice, Poland

Tech: PHP, WordPress (custom plugins & backend logic)

- Designed and implemented a multi-step reservation system for d9space.com (date, space, layout, features, final submission).
- Integrated the module with the client's existing WordPress setup and administration tools.
- Implemented backend logic for bookings, availability and data validation.

- Prepared an administration interface for managing bookings and reservations.
- Tailored the solution to specific business requirements and workflows.

Selected Projects

NeoBeat Buddy

High-performance Discord music bot built with Node.js, Discord.js, Lavalink and Poru. Features slash-only controls, live equaliser presets, queue management, adaptive autoplay and a Docker-ready production stack.

BookHaven

Full-stack online bookstore built with Node.js, Express and MongoDB. Includes book browsing, multi-volume management, secure checkout logic and a clean MVC-style backend designed for easy expansion.

Education & Certifications

- University of Silesia in Katowice — Computer Science (ongoing)
- Technical School — Computer Programming
- INF.03 — Web Application Development & DB Admin
- INF.04 — Software Development & App Design