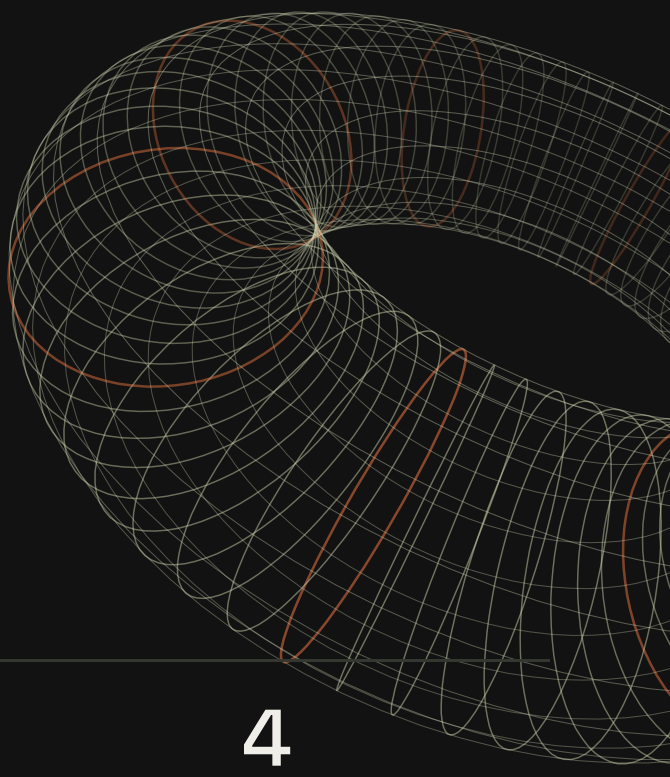
B2B SYSTEMS · WEB APPS · INTEGRATIONS

Maciej Kaczmarczyk

Full-stack Developer (Next.js/TypeScript, C#/.NET)

B2B systems and web apps for companies.

Next.js, React and TypeScript on the front end, C#/.NET and PHP/Laravel on the back end, connected to the tools a company already runs on: its ERP, e-invoicing, couriers and Shopify.



37	10	9	4
Projects in portfolio	Client work	Apps in the Shopify App Store	Areas of expertise

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ABOUT ME

Understand first. Then build.

I usually run a project on my own, from the first talk with the client and the data model, through front end, back end and integrations, to deployment.

I'm Maciej Kaczmarczyk, a developer from Gorzów Wielkopolski, Poland. I have been programming since 2017. My first paid job was a WordPress blog in 2018, since 2019 I have written custom Minecraft server plugins (Java/Paper), and since 2022 I have built and maintained websites for companies and organisations, including Automobilklub Gorzowski, CH Panorama and the Electio Foundation. Most of my work today is business software: a wholesale ordering portal for Mito-Pharma in Next.js with my own C#/.NET connector to the Subiekt GT ERP, and a management system for the Śnieżka pastry shop covering inventory, recipes, production and Polish e-invoicing (KSeF). Under the Lektoro brand I have published 9 apps in the Shopify App Store, and I have released three games on Roblox.

01 **Understanding the problem**

02 **Design and implementation**

03 **Validation and refinement**

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WHAT I DO

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COURSES AND CERTIFICATES

Linux Essentials
Cisco Networking Academy · 2025
COMPLETED COURSE

TECHNOLOGIES & TOOLS

FRONT END
TypeScript, JavaScript, React, Next.js, Tailwind CSS, Alpine.js, Livewire

BACK END
C# / .NET (WPF, Blazor, Entity Framework), Node.js, PHP (Laravel, Filament), Python, Java (Paper)

DATABASES
MS SQL Server (T-SQL), PostgreSQL, MariaDB / MySQL, SQLite, Prisma, Drizzle ORM, Redis

INTEGRATIONS
REST APIs, Subiekt GT (ERP), KSeF (e-invoicing), DHL Parcel, InPost, Orlen Paczka, Dotykačka POS, PayU, Shopify apps

DEPLOYMENT & QUALITY
Docker, VPS (Linux), CI/CD, Cloudflare Workers, Git, automated tests (JUnit, Roblox Studio, Luau CLI)

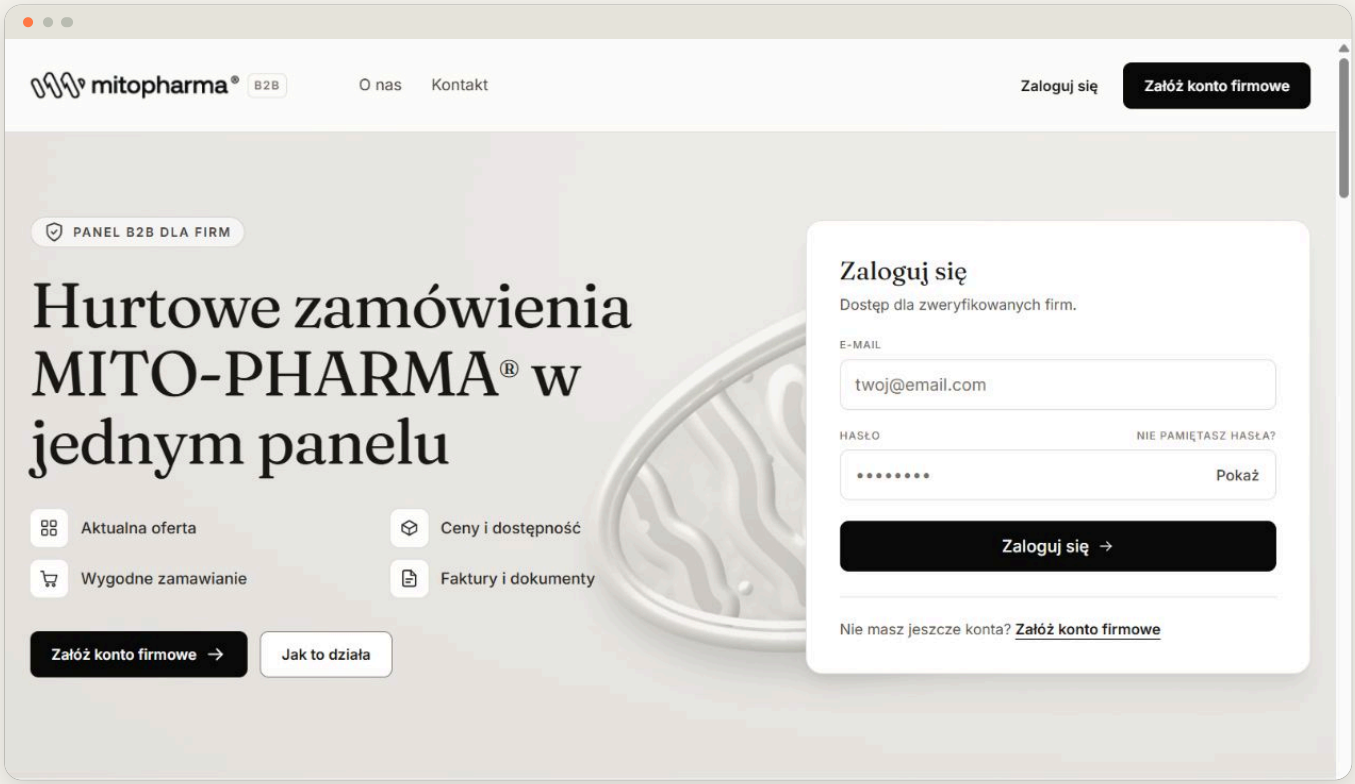
GAMES & OTHER
Unity 6 (C#), Roblox (Luau), Rust (Tauri 2), Kotlin (Android), Flutter / Dart, WordPress / WooCommerce

01

CASE STUDY · SYSTEMS

Mito-Pharma B2B

A B2B wholesale ordering platform, live in production and integrated with Subiekt GT, a Polish ERP system. It brings together a catalog with customer-specific terms, order and shipping management, invoices and account balances.



Public landing page of the B2B portal · Oct 26, 2026

PROJECT GOAL

Wholesale depends on consistent data on products, availability and trading terms. Trade customers need self-service access to the product range and their documents.

SOLUTION

The web portal works with Subiekt GT through a .NET desktop app running in the office. Sales data, documents and stock levels flow into the portal, while orders flow back into the system the company runs on.

IN DETAIL

The project covers the customer interface, the admin back office, automated emails and courier integrations. The system is in production, and ongoing development ships regular releases backed by automated tests and code audits.

KEY FEATURES

- Catalog with customer-specific prices, discounts and volume tiers
- Cart, quick ordering by product code and purchase history
- Online invoices, pro formas and account balances with automatic notifications
- Shipment booking and tracking (DHL Parcel, InPost, Orlen Paczka)
- Two-way sync with Subiekt GT via a .NET connector
- Sales team back office with an AI assistant that works on pseudonymized data

Next.js 15 · React 19 · TypeScript · Tailwind CSS 4 · Auth.js · Prisma 6 · MariaDB · C# / .NET (WPF)

See it live · mitopharma-b2b.pl ↗

CASE STUDY · SYSTEMS

02 Śnieżka — pastry shop management system

A management system for a pastry shop covering ingredient inventory, recipes, production, sales and deliveries. A web app and workstation tools support the different roles across the business.

PROJECT GOAL

Running a pastry shop means aligning production planning with ingredient availability, recipes and in-store sales. These processes need a shared flow of data.

SOLUTION

The system links production orders to ingredient usage and stock levels. Sales, transfers and deliveries are part of the same flow.

IN DETAIL

The solution accounts for staff permissions, recipe costs and settlements. Integrations with KSeF (Poland's national e-invoicing system) and the Dotykačka POS round out the operational data.

KEY FEATURES

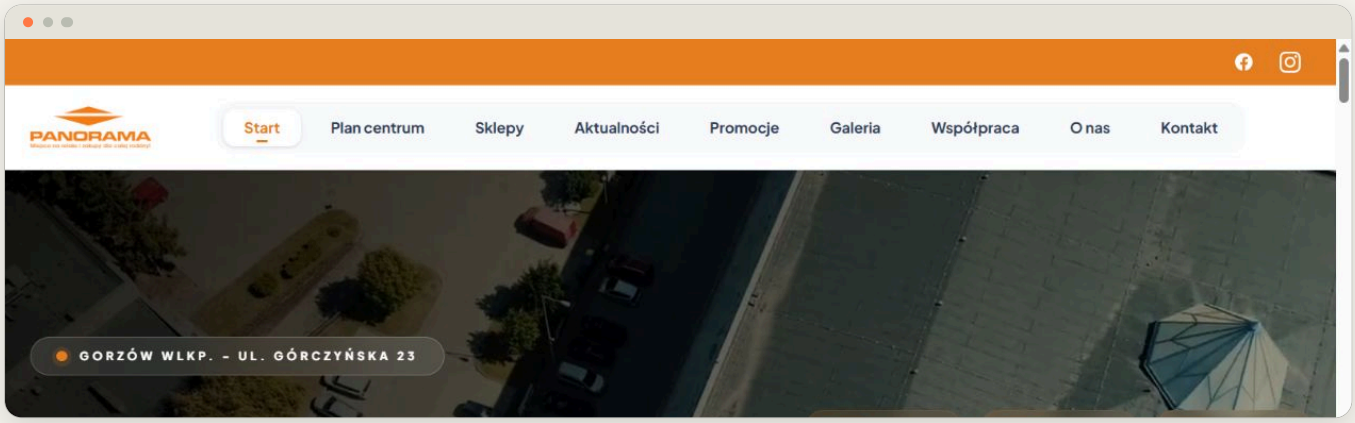
- Ingredient inventory and stock movement history
- Recipes, cost calculation and production orders
- Finished-goods stock and transfers between locations
- Delivery routes and fulfillment statuses
- KSeF and Dotykačka POS integrations, plus staff roles

Next.js 16 · React 19 · TypeScript · Tailwind 4 · MariaDB · Drizzle ORM

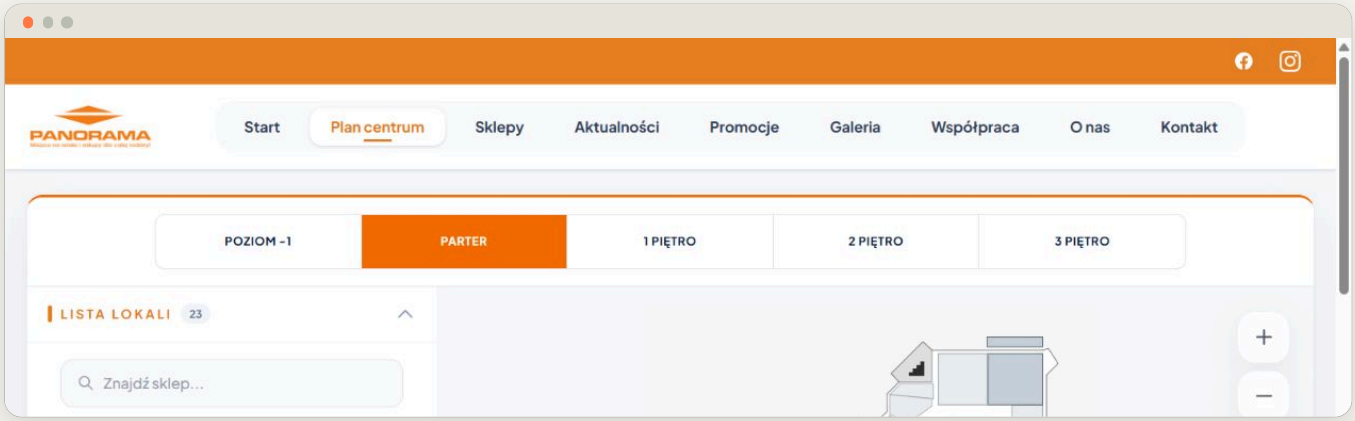
CASE STUDY · WEB

03 Panorama Shopping Center, Gorzów

A shopping center website with a store directory, a content management panel and an interactive floor plan. It brings together information on tenants, events and promotions with floor-by-floor navigation.



Shopping center homepage · Oct 26, 2026



Interactive plan: floor selection, unit list and map · Oct 26, 2026

PROJECT GOAL

Visitors want to find a store, check its opening hours and see where it is in the building. At the same time, the center's team needs a tool to keep offers and announcements up to date.

SOLUTION

The store directory is linked to the interactive floor plan, with level selection, search and an info card for each unit. The CMS back office streamlines the management of tenants, promotions and posts.

IN DETAIL

The plan is based on architectural floor plans, and selecting a unit leads to detailed information. The site also includes a gallery, leasing information and contact forms.

KEY FEATURES

- Interactive floor plan with search and zoom
- Store pages with opening hours
- CMS for managing stores and content
- Promotions, news and events
- Gallery, contact forms and newsletter

PHP 8.2 · Laravel 11 · Filament 3 · Tailwind CSS 4 · Vite 7 · Alpine.js

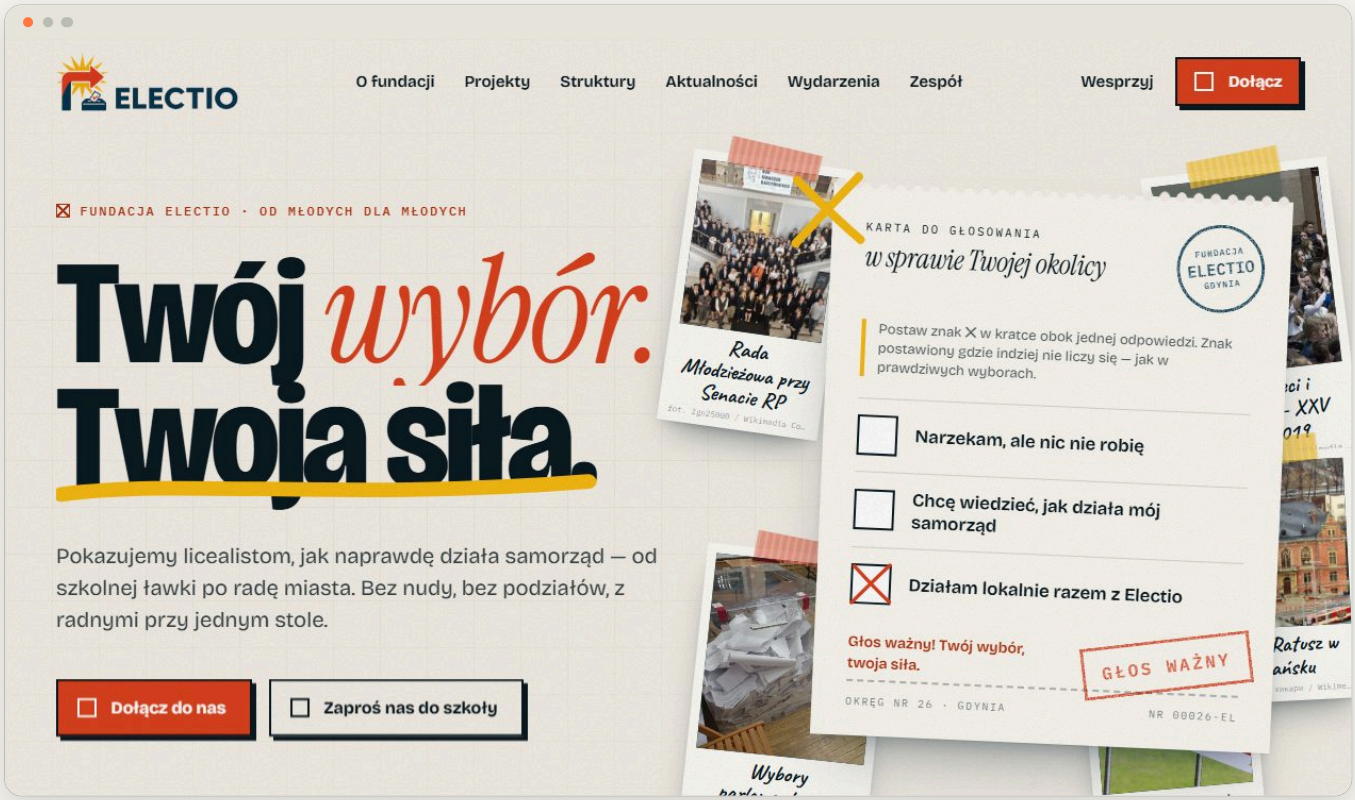
See it live · chpanorama.pl ↗

04

CASE STUDY · WEB

Electio Foundation — website

A foundation website with an admin panel, content migrated from WordPress and a map of districts. It presents the team, projects and events, and handles online donations, a newsletter and submissions.



Website home page · 14.11.2026

PROJECT GOAL

The organization needs one consistent place to present its work and update content without touching the site's code.

SOLUTION

The site combines a public presentation of the foundation's work with an admin panel. The back office was built in Filament and is gradually moving to a custom Livewire panel with role-based permissions.

IN DETAIL

The scope covers people, districts, projects and events, payments with payment-provider notifications, and rate-limited newsletter sending. The site uses a sitemap, structured data and IndexNow.

KEY FEATURES

- Content migration from WordPress
- Laravel admin panel with user roles
- District map, projects, events and documents
- Online donations via PayU, with terms and conditions
- Newsletter with double opt-in
- Cookie-free analytics and technical SEO

Laravel 12 · Livewire 3 · Filament 3.3 · PHP 8.3 · SQLite · Vite 7 · Tailwind 4 · PayU

See it live · electio.org.pl ↗

Systems 04

Accounting automation

PROTOTYPE

A prototype that automates invoice flow and posting, integrating KSeF (Poland's national e-invoicing system) with the Rewizor nexo accounting software. It combines document parsing, analysis of posting history and rules for preparing entries.

- Invoice intake from KSeF and email
- Parsing of FA(3) structured invoices
- Posting history analysis and posting rules
- Rewizor nexo integration via Sfera

.NET 8 · Blazor Server · EF Core 8 · SQL Server · ASP.NET Identity (MFA) · InsERT nexo SDK / Sfera

Remote app management

PRODUCT / TOOL

A system for managing an application remotely, made up of a Windows client, an Android app and a server. It handles command delivery, update distribution and notifications.

- Windows client–server communication
- Management panel accessible from a phone
- Remote content and update delivery
- Web Push and Telegram notifications

.NET 10 WPF · WebView2 · Kotlin (Android) · PHP · SQLite · Web Push

Web 08

Gorzów Automobile Club

CLIENT WORK

Website of the Gorzów Automobile Club (Automobilklub Gorzowski), featuring the club's events, news and history. It makes documents, membership information and contact details easy to find.

- News and a spotlight on the next event
- Add events to your calendar
- Documents and membership information
- Light and dark themes, plus a mobile menu

React 19 · Vite 6 · SSR prerender do HTML · Node.js · sharp · ESLint a11y

automobilklubgorzowski.com.pl ↗

Osiedle pod Książem

CLIENT WORK

Website for the Osiedle pod Książem housing development in Świebodzice, with interactive selection of building, floor and apartment. It presents unit layouts, a gallery, the construction schedule and the developer's documents.

- Interactive building and floor selection
- Apartment plans with floor area and layout
- Gallery and construction schedule
- Downloadable information prospectus

React · Vite · Tailwind · Node.js/Express (API) · LiteSpeed

osiedlepodksiazem.pl ↗

Youth City Council — website

PROTOTYPE

A prototype website for the Gorzów Youth City Council that organizes information about the council, its activities and its documents. The project includes accessibility settings and different ways of presenting content.

- Filterable list of council members
- News, projects and a youth zone
- Statute, resolutions and minutes
- Light, dark and high-contrast themes

Next.js 15 · React 19 · TypeScript · Tailwind 4

Stonefink

PRODUCT / TOOL

A bilingual website for a game studio that showcases its titles and handles links opened from its Android apps. It combines brand communication with the features players need.

- Games showcased in two languages
- Contact form with spam protection
- Android App Links support
- Pages for app-related documents

HTML · CSS · JavaScript · PHP · Apache

Web

Business in Motion

IN DEVELOPMENT

An interactive portfolio built around a browser-based 3D scene of a company at work. It combines a showcase of client projects with an animated order flow and camera moves.

- Company diorama in Three.js
- Animated people and vehicles
- Camera fly-throughs across the scene
- Order flow demo

React 19 · Vite 8 · TypeScript · Three.js · Blender (GLB) · Netlify/Vercel

Greek Catholic Church in Gorzów

CLIENT WORK

Website of the Greek Catholic parish in Gorzów, with content in Polish and Ukrainian. It offers news, liturgy information, the parish's history and contact details.

- Content in Polish and Ukrainian
- News and liturgy information
- History of the parish and church
- Links to related parishes

cerkiew.gorzow.pl ↗

AI

09

Śnieżka — Lead Machine

CLIENT WORK

A tool for finding and qualifying B2B leads. It combines company data analysis with fit scoring, suggested outreach and a simple CRM.

- Company search and website analysis
- Lead fit scoring
- AI-assisted outreach drafts
- Reminders and a daily task view

Node.js 20 · OpenStreetMap · DeepSeek (AI) · JSON

Podcast archive with search

CLIENT WORK

A searchable archive of 388 radio show episodes for a client from the US. Each episode has a full transcript, a summary and key moments, and the search plays the recording from the spot where the searched word was spoken.

- Transcription of 355 hours of recordings with timestamps
- Full-text search across about 3 million words
- Playback from the clicked fragment
- Automatic transcript quality control

Python · Whisper large-v3 · faster-whisper · Groq API · Google Colab · FFmpeg

Reels — automated editing

CLIENT WORK

An app that automatically turns long recordings into vertical clips. It combines transcription, AI-driven clip selection, speaker tracking, captions and an approval panel.

- Transcription and AI-assisted clip selection
- Vertical reframing with face tracking
- Silence removal and word-by-word captions
- Audio normalization and FFmpeg rendering

Python · Groq Whisper / faster-whisper · DeepSeek (LLM) · OpenCV (YuNet) · FFmpeg (NVENC) · Flask

LeadGen

PRODUCT / TOOL

A tool for researching prospects and organizing B2B outreach. It finds companies, evaluates their websites and combines message drafting with reply handling.

- Company search in business registries and OpenStreetMap
- Website analysis and fit scoring
- Message drafting with templates and AI
- IMAP/SMTP integrations and reply classification

Python · Typer · Streamlit · BeautifulSoup · Jinja2 · DeepSeek (AI)

AI

Audiobook generator

PRODUCT / TOOL

A tool that turns books and documents into audiobooks with chapters. It covers Polish text preparation, speech synthesis, audio processing and automated quality checks.

- EPUB, DOCX, PDF and TXT import
- Polish text normalization and sentence splitting
- Speech synthesis with segment caching
- Chapters and M4B export

Python · Google Cloud Text-to-Speech (Chirp 3 HD) · Google Speech-to-Text · EbookLib · pypdf · FFmpeg

Exam prep — AI tutor

PRODUCT / TOOL

A Windows and Android app for studying math for the matura (Poland's high school exit exam) and preparing for the electrician technician vocational exams. It combines lessons with exercise generators, mock exams and an AI tutor.

- Math lessons with exercise generators and a placement test
- ELE.02 and ELE.05 qualification course with a mock exam
- Interactive electrical schematics and DC/AC circuits
- AI tutor that recognizes problems from photos and works with graphs and figures

.NET 10 WPF · WebView2 · Kotlin (Android) · PHP · Claude API · KaTeX

AI Lawyer

PROTOTYPE

A prototype local assistant for working with legal documents. It combines OCR, semantic search and a language model to analyze materials and draft legal documents.

- Fetching legislation from the Polish Parliament (Sejm) API
- Local vector database and semantic search
- RAG context selection
- OCR plus PDF and DOCX support

Python · Streamlit · FastAPI · LangChain · FAISS · sentence-transformers

VoxMind

PROTOTYPE

A prototype transcription platform with speaker diarization. It combines file uploads, an audio processing queue and user access management.

- Recording uploads
- Transcription job queue
- Transcription with speaker diarization
- MinIO file storage

FastAPI · SQLAlchemy 2 (async) · PostgreSQL · Celery · Redis · MinIO

AI Secretary

IN DEVELOPMENT

A voice assistant in development for handling calls and administrative tasks. It connects telephony, email, calendar and CRM, with permission controls over the actions it can take.

- Voice conversations in Polish
- Email and calendar integrations
- Cases with history and reminders
- Action policies and approval workflows

Python 3.12 · FastAPI · SQLAlchemy 2 (async) · PostgreSQL 17 + pgvector · OpenAI realtime voice · Groq Whisper

Lektoro 01

Lektoro — 9 apps in the Shopify App Store

PRODUCT / TOOL

My own Shopify app brand. The apps help stores with EU compliance (GPSR, EPR, environmental claims), customs data and HS codes, stock and sync monitoring, purchase orders with MOQ and price rounding across markets.

- 9 apps published in the Shopify App Store
- EU compliance: GPSR, EPR, environmental claims
- HS codes and customs data
- Oversell, feed and sync monitoring

Shopify · TypeScript · React Router

apps.shopify.com/partners/lektor ↗

Games & simulations 12

Space Garden

RELEASED ON ROBLOX

A Roblox game about running a garden in orbit. Players grow six plant species in greenhouses, advance their research and design their own decorations. The mechanics are covered by more than 190 tests in Roblox Studio.

- Six greenhouses, six species and offline growth
- Currency, levels and research
- Daily rewards, missions and a monthly challenge
- Leaderboard and gifts for friends

Luau (Roblox) · DataStore · MarketplaceService

www.roblox.com/games/101257030687266/Space-Garden ↗

Parcel Empire

RELEASED ON ROBLOX

A Roblox tycoon game about running a courier company: sorting hub, fleet, routes and parcel lockers, with co-op gameplay.

- Courier company tycoon
- Sorting hub, fleet, routes and parcel lockers
- Co-op gameplay

Luau (Roblox) · Blender · Python (symulacja ekonomii)

MEDIVALRPG — a set of about 20 Minecraft server modules

IN DEVELOPMENT

My own ecosystem of Java (Paper) plugins: nations and diplomacy, NPC armies, population, an economy with physical currency, railways, caravans and tournaments, plus a web panel, an in-browser world map and a Discord bot. The modules have JUnit tests and tests on a Paper server.

- Nations, diplomacy, wars and sieges
- NPC armies and computer-run nations
- Population, an economy with physical currency and player companies
- Railways, merchant caravans and tournaments

Java · Paper · JUnit · JDA · JavaScript · Leaflet

Rush to the Storm Egg! · Steel Crew

IN DEVELOPMENT

More Roblox projects: arcade gameplay with a Robux shop, and vehicle simulation.

- Arcade mechanics and a Robux shop
- Vehicle simulation

Luau (Roblox) · Blender

Games & simulations

Kopalnia Cieni

IN DEVELOPMENT

A team-built Unity game about running a mine in Upper Silesia. It combines managing a mining company (its people, machinery and contracts) with an extensive underground system.

- 14-day campaign with objectives, plus a free play mode
- Tunneling, ventilation and gas monitoring
- Natural hazards that call for player decisions
- Contracts, workers and machines that break down

Unity 6 (URP) · C# · Blender

MTC Tactical Assistant

PRODUCT / TOOL

A desktop companion app for analyzing on-screen game visuals, built with Rust, Tauri and React. It combines local OCR, map calibration, marker tracking and an overlay that shows the results of simulation calculations.

- Selected-window capture
- Local OCR and configurable capture areas
- Map calibration and marker tracking
- Overlay with analysis results

Rust · Tauri · React · TypeScript

PRZEPŁYW

IN DEVELOPMENT

A browser-based business sim, currently in development, about running a courier company. It combines planning the sorting hub and transport with managing contracts, costs and financial results.

- Sorting hub editor
- Fleet and driver shifts
- Contracts with SLAs and tenders
- Currencies and customs

JavaScript (ES modules) · Node.js 22 · MySQL

Ping 1995

IN DEVELOPMENT

A business sim, currently in development, set in the IT industry: players run a data center, a software house and an internet service provider. The management interface is built in React, with state handled by Zustand.

- Data center management
- Running a software house
- Operating an internet service provider
- Interface tracking company growth over time

React 19 · Zustand · Tailwind 4 · Vite

LOOP ARMY · Kebab Runner · Street Legends

IN DEVELOPMENT

A family of Android mobile games: LOOP ARMY, Kebab Runner and Street Legends. The most advanced is Kebab Runner, an endless runner built in Unity 6, whose version 0.4.3 entered closed testing on Google Play on November 9, 2026.

- Kebab Runner: steal, stash the loot and outrun the chase
- Periodic leaderboards and cloud profile saves
- Daily quests, challenges and weekly leagues
- Polish and English localization

JavaScript · Capacitor 8 · Unity 6 (URP, C#) · Unity Gaming Services · Unity Ads · Google Play Games

Blok 1

PROTOTYPE

A browser-based prototype of a power plant control room simulator. The process model, alarms and emergency scenarios are shown on an operator console that updates in real time.

- Reactor and secondary loop model
- Passive safety system simulation
- Live parameter dashboard
- Alarms and accident scenarios

TypeScript · Canvas 2D · Vite

CATSIM

PROTOTYPE

A prototype simulator of a catapult operator station, combining a thermodynamic model with crew procedures and emergency scenarios. The interface runs in the browser.

- Thermodynamic model
- Crew procedures (PL/EN)
- Simulation interlocks
- Emergency scenarios

HTML · JavaScript · Canvas 2D · WebAudio

Ostatnia Mila

PROTOTYPE

A prototype simulation of courier operations with a Rust engine and Godot visualization. It models parcel flow, queues, buffers and bottlenecks in a logistics network.

- Deterministic parcel flow simulation
- Sorting hub queues and buffers
- Congestion and bottleneck modeling
- Multiple logistics network scales

Rust · Godot 4

Tools

03

Na styk

PRODUCT / TOOL

A cross-platform editor and simulator for electrical and relay circuits. It combines schematic drawing with calculations and observing how the circuit behaves.

- Schematic editor with IEC symbols
- Logic and electrical simulation
- Short-circuit and oscillation detection
- Waveform view, probe and event log

Flutter · Dart · PHP 8.3 · Laravel 12 · MariaDB · CI

OLED Fan Display

PROTOTYPE

A prototype IoT device built on the ESP32-S2 that reads data from a Xiaomi fan over the local network. It shows the information on an OLED display and in a web dashboard.

- Xiaomi fan discovery on the network
- Data readout via miIO
- OLED display output
- Web dashboard hosted on the ESP32

ESP32-S2 · Arduino (C++) · miIO (Xiaomi)

Team task board

PRODUCT / TOOL

An internal kanban board for organizing a game development team's work. It ties together tasks, files and change history, with an MCP interface for AI agents.

- Kanban and task list with filters, labels and milestones
- Comments, mentions and change history
- Chunked asset uploads with checksums
- Stats on work time, throughput and progress by discipline

PHP · SQLite · JavaScript · MCP (narzędzia dla agentów AI)

GET IN TOUCH

Let's work together.

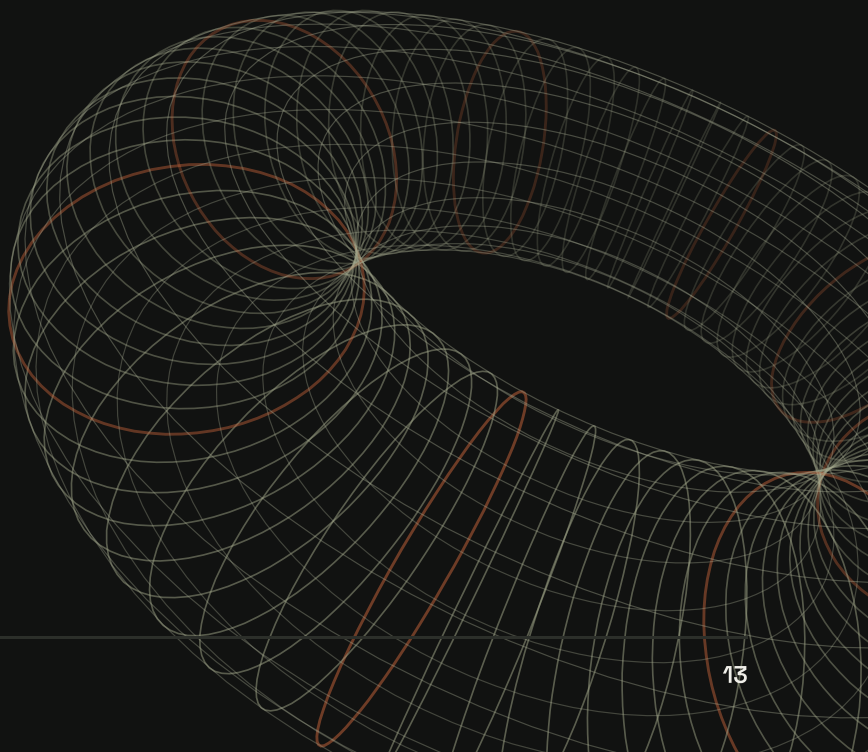
kaczmarczykmaciej007@gmail.com ↗

WEBSITE
mkaczmarczyk.com/en

GITHUB
github.com/LektorGW

LOCATION
Gorzów Wielkopolski · Poland

See the full, up-to-date catalog with descriptions and screenshots at:
mkaczmarczyk.com/en



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