Matt Rybin

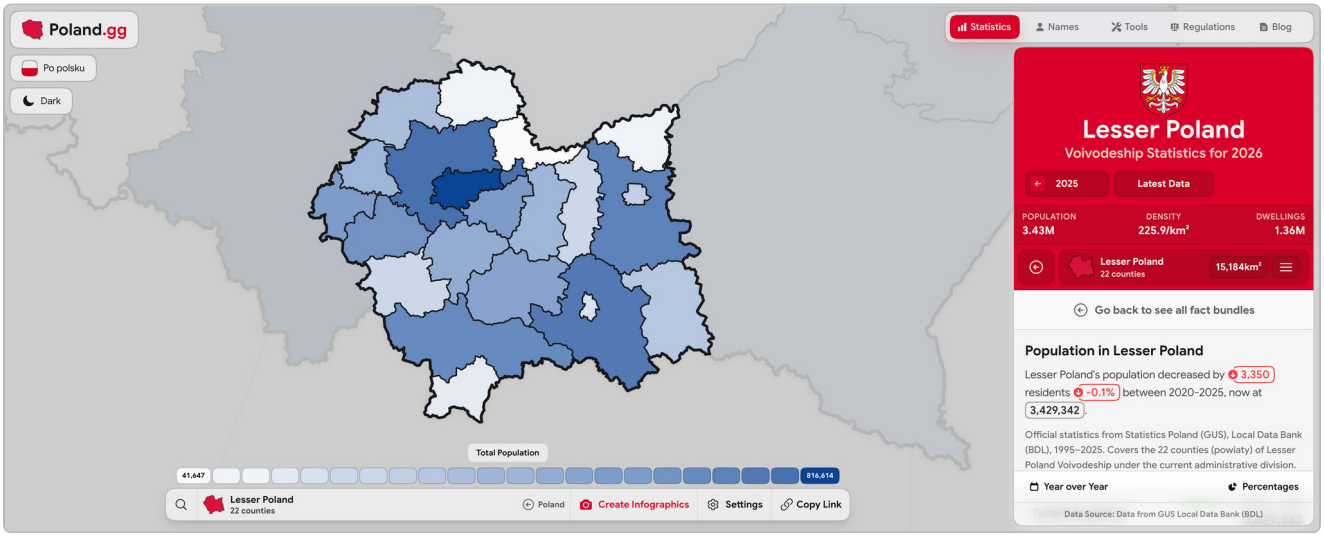
Senior Full-Stack Engineer · 14 Years of Experience

Kraków, Poland · Dual citizen of Poland & Sweden

contact@mattrybin.com
mattrybin.com · +48 452 904 992
github.com/mattrybin · linkedin.com/in/mattrybin

> **Available from September 2026:** I became a father in April and took the summer off.

SIDE PROJECTS



Poland.gg: Lesser Poland Voivodeship Statistics

Poland.gg started as an experiment: could I use AI to make a statistical portal in Elixir, a language I'd only spent a month learning? I started in September, launched January 2, and in under eight months it reached 22,396 Google Search clicks a month (28 days to August 28, 2026).

The project has been built solo with a focus on test-driven development and dependency minimization, including a custom-built MapLibre GL animated map and an ETL pipeline that processes gigabytes of data into a custom binary format.

Elixir, Phoenix, DuckDB, Cloudflare, LLM Workflows, MCP, Claude API, Programmatic SEO

WORK EXPERIENCE

Senior Full-Stack Developer @ Codenotary · USA Texas, Remote · Oct 2024 to May 2026

Software supply-chain security and CVE scanning: enterprises scan their systems for what needs patching.

- Owned the design and the frontend architecture, and drove a refactor across the whole app, ultimately merging the company's separate apps into a single interface.
- For four months, owned the product code across frontend and backend, with a DevOps lead alongside me on infrastructure, and led the frontend across the full engagement.
- Built the CIS compliance reporting feature: the API and the data layer behind it, the report UI, and the PDF export, then wired the compliance data into the AI layer so any failed check can hand off to the chat for remediation.
- Designed and built v2 of sbom.sh, a free SBOM generator and vulnerability scanner that had already analyzed 100M+ SBOMs, and integrated it into the main product.

TypeScript, Go, React, Docker, microservices, MCP, CIS benchmarks, LLM integration, AI agents

Founder & Solo Developer @ Protestant.Events · Kraków · Feb 2024 to Oct 2024

Developed a platform for Protestant churches to advertise and sell tickets for events: **2,000+ tickets sold**, transaction fees cut from **5% to 1.25%**.

TypeScript, Next.js, React, TanStack Query, Node.js, Stripe, Firebase, Mapbox

Frontend Tech Lead @ Flyps.io · Poznań, Remote · Jan 2023 to Feb 2024

Video processing platform for capsule endoscopy. The capsule is a pill-sized camera the patient swallows: it travels through the digestive tract and films the entire journey, which leaves doctors with hours of footage to review. I built a custom video player specifically for that footage, led the frontend development, and supported the Python backend team.

TypeScript, Python, Next.js, React, FastAPI, Docker, custom video player, frame-accurate seeking

Founder & Solo Developer @ NextBJJ · Cambodia · Aug 2022 to Jan 2023

iOS app to track Jiu Jitsu matches, shipped to the App Store. I built it to explore Lisp using Clojure, a language I had never programmed in, with Datomic as the database. I used the app in my own training matches while I was building it.

TypeScript, Clojure, ClojureScript, React Native, xState, Datomic

Senior Full-Stack Developer @ DAOventures · Singapore, Remote · Apr 2021 to Jun 2022

TypeScript, Next.js, React, xState, Node.js, GraphQL, PostgreSQL, WebSocket, real-time game

Senior Full-Stack Developer @ Clik · Cambodia · Aug 2020 to Mar 2021

TypeScript, React Native, Node.js, Appium, AWS, Docker, eKYC, identity verification

Lead DevOps Consultant @ AMK Microfinance · Cambodia · Mar 2020 to Jul 2020

Built the cloud migration prototype for a bank's on-premises core banking system (Temenos T24), the first step in a planned move affecting **2 million customers**.

AWS, Terraform, Packer, Ansible, GitLab CI

Co-Founder & Chief Strategy Officer @ Sala & System Experts · Cambodia · Mar 2018 to Mar 2020

Co-founded and ran a school-management startup with 31 school clients, and led System Experts, a DevOps services company, with 16 employees across product, engineering, and design.

- Won Seedstars Asia Summit 2019 for best startup in Cambodia
- Secured $150K seed funding from Smart Investment Fund
- Worked with Huawei on $500K+ bids for a Cambodian Government datacenter and the SCIA School
- Set up automated mobile testing and a CI/CD Jenkins pipeline at ABA Bank, Cambodia's biggest bank

PHP, Vue.js, React Native, Laravel, PostgreSQL, Node.js, Docker, Agile, Scrum

Programming Teacher @ STEP IT Academy · Cambodia · Jun 2017 to Mar 2018

UX/UI design, web design

Full-Stack Ruby Developer @ Mundo Lingo · Thailand · Mar 2015 to Feb 2017

Ruby, JavaScript, Ruby on Rails, Bitcoin payments (back when BTC was $250)

WordPress Developer @ Freelance · Sweden · Feb 2012 to Oct 2014

PHP, JavaScript, WordPress

SKILLS

Programming: TypeScript, JavaScript, Elixir, Go, Python, Ruby, PHP, Clojure
Frontend: React, Next.js, React Native, Vue.js, xState, TanStack Query, MapLibre GL, Mapbox
Backend: Node.js, Phoenix, FastAPI, Laravel, Ruby on Rails, REST APIs, GraphQL, WebSocket, microservices
Data & AI: PostgreSQL, DuckDB, Datomic, ETL pipelines, LLM workflows, MCP, Claude API, AI agents
Infrastructure: Docker, AWS, Cloudflare, Terraform, Ansible, Packer, Git, GitLab CI
Practices: TDD (test-driven development), Jest, Playwright, ExUnit, CI/CD, code review, Agile, Scrum

LANGUAGES

- **English** Fluent, working language my whole career
- **Swedish** Native comprehension; speaking is rusty after ten years away
- **Polish** Conversational, spoken daily with my wife; can't read or write it yet