

Grzegorz Hul

Senior Flutter Developer, AI-augmented

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Poland (CET), remote · B2B invoice (registered sole trader)

Open to B2B subcontracting: 8-12 h/week, async (invoice, EU VAT)

SUMMARY

I build Flutter apps and the AI features inside them. 8 years in software, nearly 7 of them at LIBRUS, Poland's largest ed-tech, with Flutter since 2021. I ship with Claude Code every day; every change is tested, and in company code every diff is reviewed by me.

- **Flutter in existing apps:** new features, offline-first with Drift, WCAG 2.2 AA accessibility, store releases.
- **AI features:** streaming chat, RAG over large document sets, LLM evaluation and guardrails.
- **Agentic engineering:** Claude Code with my own conventions, skills and subagents.

EXPERIENCE

Senior Mobile Developer (Flutter) · LIBRUS

Dec 2019 - Present

- Developed the production parent and student app (Vue 2, Cordova; iOS, Android, Huawei; 5M+ downloads on Google Play) for nearly 7 years: 1,000+ commits, 468 tickets, 28 releases prepared.
- Built core features of the LIBRUS Teacher app in Flutter from 2021: offline-capable messaging, timetable, video training with certificates (~300 commits).
- Brought ~20 modules of the new Flutter app to WCAG 2.2 AA (screen readers, contrast tests); earlier shipped an accessibility mode with automated axe-core tests in the Cordova app.

Apps: Parent app ([Google Play](#), [App Store](#)), Teacher app ([Google Play](#), [App Store](#))

Flutter & AI Developer · Self-employed

Feb 2023 - Present

- Built 6 Flutter apps with coding agents in ~6 weeks (354 commits, ~2.4k tests); 3 are live on Google Play.
- Built and run AnalizaPrawna.eu: a ReAct agent with 8 tools over 527k Polish court rulings, 139 API endpoints, ~2.8k tests.
- Run my own infrastructure as code: 4 Linux servers with Docker Compose, Traefik, Cloudflare and a GPU for local LLMs; resolved 4 incidents with root cause, including an ISP move to CGNAT handled within a day.

Junior Frontend Developer · E Net Production

Sep 2018 - Sep 2019

Front-end development, Katowice.

SELECTED PROJECTS

AnalizaPrawna - own product, React / TypeScript / Express / PostgreSQL + pgvector / LLM agents / PayU

AI legal analysis platform: a ReAct agent with 8 tools over 527k Polish court rulings (pgvector, self-hosted Polish embeddings on GPU, model failover). 139 API endpoints, ~2.8k tests. [analizaprawna.eu](#)

Revelations - own app, Flutter / Riverpod / Firebase / XTTS-v2

Polish-language Flutter reader of Maria Valtorta's work: user data migrated from the old Cordova app, 1,534 chapters offline, a 714-file audiobook from self-hosted TTS, ~710 tests. [Google Play](#)

StepPause - own app, Flutter / Riverpod / Drift / Kotlin / Health Connect / Play Billing

Android step counter with a pause button for drives and bike rides, built after Samsung Health dropped the feature: a custom Kotlin bridge to Health Connect, Play Billing, 15 languages, 670 tests. [Google Play](#)

devbot: agent platform - own platform, Claude Code / OpenClaw / Agent Skills / Subagents

Self-hosted platform where Claude Code agents take tasks from chat and from repos, with one session per channel, and close them only against a Definition of Done with tests and visual QA. ~680 chat tasks and 239 repo tasks since April 2026.

sound_clearing - own platform, Python / FastAPI / Whisper / XTTS-v2 / Celery / Redis / Docker
AI audio and OCR platform: text-to-speech with XTTS-v2, speech-to-text with Whisper and OCR, run by 5 GPU workers behind 58 API endpoints; 611 tests.

ksrw.pl - pro bono, Static site generator / Claude Design / Playwright / Python
Moved an association's website from Weebly to a custom static generator, redesigned with Claude Design: 47 URLs, eleven 301 redirects, Playwright checks at 6 widths gating the build. [ksrw.pl](#)

teologiakatolicka.pl - pro bono, Ghost 6 / Node.js / Cheerio / Migration QA
Migrated a legacy theology portal to Ghost 6: 858 posts, 98.8% sentence-level match with the source. [teologiakatolicka.pl](#)

Holy See Pavilion, EXPO 2020 - pro bono, Flutter / BLoC / WordPress REST API / i18n + RTL
Visitor guide app for the Holy See Pavilion at EXPO 2020 Dubai: 5 languages including Arabic (RTL), content from WordPress over REST. Built in 2021-2022, before AI coding tools.

blz-legal.pl - pro bono, WordPress / PHP / Child theme
WordPress website for a law firm, built on a child theme of Dixon (ThemeREX) in 2020. [blz-legal.pl](#)

HOW I WORK WITH AI

- Claude Code every day since Dec 2025 (683 sessions), with my own conventions, skills and subagents.
- A self-hosted agent pipeline takes tasks from chat and from repos and closes them only against a Definition of Done with tests and visual QA.
- A human signs off every change: in company repos every diff is tested and reviewed by me, and about two thirds of my 2026 commits are openly labelled AI-assisted.

SKILLS

Mobile: Flutter (5+ years), Dart, flutter_bloc, Riverpod, go_router, Drift (offline-first), Kotlin platform code, Health Connect, Play Billing & IAP, i18n (15 languages, RTL), Store releases, Cordova

AI & ML: LLM integration, RAG (pgvector HNSW), Self-hosted embeddings (TEI), ReAct agents & tool calling, Streaming (SSE), Model failover, LLM evaluation (LLM-as-judge), Guardrails & prompt injection tests, Whisper STT, XTTS-v2 TTS, OCR with vision models, Ollama

Agentic engineering: Claude Code, CLAUDE.md conventions, Agent Skills, Subagents, Hooks, MCP, Headless runs, Claude Design

Web & backend: React 19, TypeScript, Vite, Tailwind CSS, PWA, Node.js / Express (TypeScript), Python / FastAPI, Celery, REST API, PayU payments, Ghost themes, WordPress, Go (basics), Vue 2

Data & DevOps: PostgreSQL + pgvector, Redis, SQLite (Drift, FTS5), Firebase, Linux, Docker Compose, Traefik, Nginx, Cloudflare, GPU self-hosting, Prometheus + Grafana

Testing & quality: flutter test (unit, golden, integration), Vitest, Jest, pytest, Playwright, WCAG 2.2 AA, axe-core

LANGUAGES

- Polish - native
- English - professional, written

CERTIFICATE

- [AI_devs 3 Agents](#): course on LLM apps and AI agents (Dec 2024)

WORKING TOGETHER

- Async and in writing (Polish, English)
- Fixed weekly capacity: 8-12 h/week
- B2B invoice (EU VAT)
- Happy to start with a small paid test task