

Mariusz Jendrzeczek

AI-Augmented Mobile Developer

Flutter · Unity · AI-Augmented Workflow

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MariuszJendrzeczek 

01 / PROFILE

Software developer with 4+ years of commercial experience building production mobile apps and interactive applications in Flutter (Dart) and Unity (C#). Over the last year I rebuilt my workflow around AI agents — Claude Code with custom configuration, hooks, skills and specialised subagents is in my projects every day. I take projects end-to-end: planning, build, tests, store releases, maintenance. Before software, 11 years in low-voltage installations — I understand the hardware end of the system.

02 / AI-AUGMENTED WORKFLOW

Four pillars of how I actually work with AI every day — concrete habits, tools and verification gates.

01

AI-assisted development as a daily practice

Claude Code as the daily driver. Custom settings, permissions, slash commands, skills and subagents. Agent-in-the-loop: plan → delegate → verify → iterate. Aware of model limitations.

02

Agents and scripts supporting the SDLC

Specialised subagents (code reviewer, explorer, planner, tester) — each with its own system prompt and tool scope. Project hooks enforce conventions and block risky operations. MCP integrations; slash commands and skills capturing repeatable team workflows.

03

Build and CI/CD automation

AI-assisted failure triage. Auto release notes from diffs. First-pass PR review before a human. Mass refactors and codemods with verification.

04

End-to-end code generation

A "brief → working module" pipeline with explicit verification gates (tests, type checks, manual review) before merge. The agent never merges on its own — every output goes through review and the build pipeline.

03 / EXPERIENCE

01/2022 — present

Gdańsk · remote

HONETi

Mobile Developer (Flutter) · Unity Developer

- End-to-end ownership of the mobile side: discovery workshops, prototyping, in-team UX/UI, implementation, code review, testing, Google Play / App Store publishing, post-launch maintenance.
- Flutter apps built from scratch (Clean Architecture, Riverpod, Freezed, Injectable, REST, Firebase, offline-first).
- Unity / C# interactive apps and games — taking over existing codebases, extending, maintaining.
- Collaboration with developers, testers, PMs, clients. Multiple parallel projects under deadline.

2022 — present

Poland

Buzzards Soft (own business)

Independent · AI-Augmented portfolio

- Trading name used for contracts and the public portfolio. Public documentation of an AI-Augmented process at buzzards-soft.com.
- Own projects built with active AI-agent assistance — landing site, pre-release mobile app, OSS tooling.

04 / SELECTED PROJECTS

Infoshare

FLAGSHIP

Flutter · App Store + Google Play

Conference app for an IT event, built from scratch. Clean Architecture, Riverpod, REST, Firebase, QR scanner, deep links, Sign in with Google/Apple, offline-first.

Flutter Clean Architecture Riverpod Firebase Deep links Offline-first

Uprawnienia Budowlane

FLAGSHIP

Flutter · subscription · Google Play

Exam-prep app with subscription, from scratch. MVC, Riverpod, REST, offline-first, PDF handling. The same engine powers a sister app, Testy Prawnicze.

Flutter Riverpod Subscriptions PDF Offline-first

Buzzards Soft — landing

AI - AUGMENTED

Next.js 16 · Live · AI-built

Public portfolio site built with active AI-agent assistance; the full process is publicly documented. Next.js 16 App Router, React 19, Tailwind 4, shadcn/ui, next-intl (PL/EN/SV), Framer Motion, Firebase Hosting + Cloud Function (Resend).

Next.js 16 React 19 Tailwind 4 shadcn/ui next-intl Firebase

05 / SKILLS

FLUTTER / DART

- Android + iOS
- Riverpod
- Freezed
- Clean Architecture
- REST
- Firebase
- Offline-first
- Google Play / App Store

UNITY / C#

- UI Toolkit / Canvas
- State Machine
- Object Pooling
- ScriptableObject
- Unity IAP
- MonoBehaviour / pure C# split
- Custom editors

AI TOOLING

- Claude Code: hooks, skills, subagents
- MCP servers
- Prompt engineering
- LLM APIs (OpenAI, Anthropic)
- Prompt caching
- Output evaluation

06 / EDUCATION, LANGUAGES, CERTIFICATIONS

EDUCATION

Engineer of Computer Science

Wyższa Szkoła Biznesu — NLU, Nowy Sącz
2021 — 2025

Technician — Electrician

Zespół Szkół Elektryczno-Elektronicznych,
Szczecin
2002 — 2006

CERTIFICATIONS & EXTRAS

Polish SEP E + D, up to 30 kV with
measurements
Driving licence cat. B
Inland Skipper certificate

LANGUAGES

Polish — native
English — B2 / C1 technical

PORTFOLIO



buzzards-soft.com

BACKGROUND

2006 — 2017

11 years in low-voltage installations

Electrician and installation technician (CCTV, alarm and fire systems, smart-home, low-voltage installations) across five companies, including 5 years running my own business Electric Solutions. Neutral for most software roles; a competitive edge on IoT, smart-building and sensor/controller projects.