

Maidics Dávid

Software Engineer

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SUMMARY

Software Engineer with 1.5 years of professional ASP.NET and Next.js experience (hand-coded and agentic), delivering through GitHub Actions, with an additional 2 years of self-directed development on personal projects.

PROFESSIONAL EXPERIENCE

Valeo eAutomotive Hungary Kft.

03.2025 – 10.2026

Internship

- Contributed to a full-stack internal package manager (ASP.NET + Next.js) used by teams across the site: an Aspire-orchestrated application with monolithic architecture, deployed on a local server.
- Built a JavaScript library for data transformation and aggregation that powers the daily team-meeting reports used by 25+ people.

PROJECTS

Vertical Slice Architecture Template

C# | ASP.NET Core 10 | EF Core | Aspire | TUnit | GitHub Actions

- Replaced MediatR with startup-time handler registration and native endpoint filters.
- Cut execution time by ~40% by eliminating heap allocations in the Result object using BenchmarkDotNet.
- Built a benchmark backed C# CI pipeline for GitHub Actions to verify templates variants concurrently.
- Keyless NuGet publishing via GitHub OIDC (Trusted Publishing).

FitPass – Gym Pass & Payment Platform (BSc thesis)

C# | ASP.NET Core | EF Core | SQL Server | Stripe Connect | React | TypeScript

- Built a multi-tenant platform where gyms onboard Stripe Express accounts and sell passes through direct charges, confirmed by signature-verified webhooks.
- Clean Architecture + CQRS backend with JWT auth, five user roles, a transactional gym-approval workflow, real-time notifications over server-sent events and QR-code pass check-in.
- 450+ NUnit tests, including 340+ functional tests against SQL Server in Testcontainers.

WhoHolds

C# | .NET 10 | Win32 API | P/Invoke | Native AOT | TUnit | GitHub Actions

- Built a Windows CLI that finds which processes lock a file via P/Invoke to the Restart Manager API, shipped as a dependency-free Native AOT executable with JSON output and exit codes for scripting.
- 250+ TUnit tests cover both the app and the CI pipeline.

MECA Veszprém Basketball Academy (client project) – mecakosarsuli.hu

Next.js | TypeScript | Tailwind CSS | Cloudflare Pages

- Designed and built the academy's server-rendered Next.js website on my own, deployed to Cloudflare.

SKILLS

- Programming languages: C#, TypeScript, SQL
- Backend: ASP.NET Core, EF Core, Aspire, MediatR, FluentValidation, Native AOT, P/Invoke / Win32 interop
- Frontend: React, Next.js, Tailwind CSS, TanStack Query, Vite
- Databases: SQL Server, SQLite
- Testing: TUnit, NUnit, Testcontainers, Respawn, Shouldly, Moq
- Performance: BenchmarkDotNet, Span<T>
- DevOps: Git, GitHub Actions, ModularPipelines, NuGet, Cloudflare, Docker
- Architecture: Clean Architecture, Vertical Slice Architecture, CQRS, multi-tenancy, REST APIs
- Integrations & AI tooling: Stripe Connect, Claude Code (custom skills, AGENTS.md), Greptile

EDUCATION

BSc in Computer Science

Veszprém | 2023 – 2026

University of Pannonia

IT Systems Administrator Vocational Qualification

Mosonmagyaróvár | 2021 – 2022

Győri SZC Bolyai János Technikum

LANGUAGES

Hungarian: Native | **English:** Professional working proficiency