ARTYOM DANIELYAN

SOFTWARE ENGINEER · .NET & AI

CONTACT

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SKILLS

Backend
.NET, C#, ASP.NET Core, Web API, EF Core, LINQ, Hangfire, REST, Onion Architecture

AI
LLM integration, RAG, MCP, AI agents, tool calling, structured output, Claude Code, GitHub Copilot

Data
PostgreSQL (pgvector), MS SQL Server, T-SQL, MongoDB

Frontend & desktop
TypeScript, Next.js, React, React Native, Redux Toolkit, WPF, XAML

Infra & testing
Docker, Azure, GitLab CI, xUnit, Testcontainers, Stripe, Keycloak

LANGUAGES

Armenian · Native
Russian · Fluent
English · Advanced

EDUCATION

Plekhanov Russian University of Economics · B.Sc. Computer Science · 2021

CERTIFICATIONS

ASP.NET Development WCA (EPAM)
Ultimate C# Masterclass (Udemy)
Data Structures and Algorithms (Picsart Academy)
React – The Complete Guide (Udemy)
Front-End Development (HelpSystems Summer School)

SUMMARY

Software engineer specializing in .NET and AI, with 6+ years of experience. Most of my work is backend: ASP.NET Core APIs, PostgreSQL and SQL Server, payments, background jobs and integrations for SaaS products and internal tools. On top of that I build AI features and agents: LLM integrations, RAG, MCP and developer tooling. Started in React and still work across the stack.

EXPERIENCE

.NET Developer · *DevSoft AM* — Nov 2024 – Present

- Develop WPF UI components for DevExpress' commercial .NET component library, including theming and AI-powered controls (Blazor WebView integration, tool calling and structured output in chat-control demos).
- Built an AI agent that converts C# CLI project templates to VB.NET (code, project files, references, JSON configs), replacing a console converter that depended on fixed NuGet package versions.
- Automated turning Figma design tokens into XAML theme resources with AI agents and MCP tools, replacing a manual process.
- Own several components and internal tools end to end: research, spec, review with PM, EM and support, implementation, tests and maintenance. Write Claude and Copilot skills the team uses daily.

JavaScript Developer · *VOLO* — Aug 2021 – Nov 2024

- Built an internal LLM tool on ASP.NET Core (Hangfire, Mistral API, MS SQL Server) that syncs bug tickets from ClickUp and drafts a root-cause analysis for each; extended the ASP.NET Core admin API of a hotel payment-integration platform.
- Skipti rental marketplace (React, TypeScript): checkout, orders, payments and admin panel; migrated Redux to Redux Toolkit and split the admin panel from the customer app.
- Built the React Native + TypeScript courier app from scratch: orders, maps, push notifications, driver profile.
- Challenged refund and charge requirements that conflicted with Stripe's model and got them reworked; mentored 2 junior developers and reviewed code in a team of ~10.

Earlier: Full-Stack Developer, Smart Corner (Jan – Aug 2021) · Front-End Intern, Brainforce (Jul – Dec 2020)

CONTRACT & PERSONAL PROJECTS

Bookize case study — *eBook conversion & reading SaaS*. ASP.NET Core backend on PostgreSQL, Next.js frontend, Stripe subscriptions via webhooks, Keycloak auth, Hangfire jobs for heavy conversions, LLM summarization and proofreading on a self-hosted model.

Speechise case study — *AI text-to-speech platform*. Restructured the backend around Onion Architecture, migrated to PostgreSQL, set up Stripe subscriptions, moved speech generation from Google TTS to a self-hosted voice service, built a Chrome extension.

Lumen case study — *multi-tenant RAG + MCP server on .NET (in progress)*. Tenant isolation in EF Core proven by integration tests (Testcontainers), PostgreSQL + pgvector, Azure OpenAI embeddings, retrieval exposed as MCP tools.

CodeMate Agent case study — *local AI coding agent for VS Code*. Context retrieval, diff approval, a policy engine for every change, post-apply build verification with automatic rollback. Python, FastAPI, TypeScript, Qdrant.