

Aleksandr Zadykian

Senior Software Engineer · Platform, .NET, Go

zadykian@outlook.com [Telegram](#) [LinkedIn](#) [GitHub](#) 📍 Tbilisi, Georgia 🌐 UTC+4

SUMMARY

Software Engineer specializing in developer tooling, platform engineering and distributed systems across .NET and Go. Speeded up team development by building internal SDKs and automation tools. Architected and delivered critical infrastructure for both a high-scale e-commerce platform (Ozon) and a Layer 2 blockchain network (nil; Foundation).

CORE SKILLS

.NET Roslyn API Go Postgres Redis OpenTelemetry Distributed Systems

EXPERIENCE

Lead SDK Developer

Jul 2025 → Present

Mobile Park

After finishing my work on L2 blockchain infrastructure at nil, I transitioned back to platform engineering at Mobile Park.

I lead the technical direction of an internal .NET SDK ecosystem used by 15-20 engineers across the company.

My main accomplishments are:

- Increased product-team delivery speed through reusable platform components
- Improved developer experience (onboarding, diagnostics, documentation)
- Aligned SDK design with business needs
- Implemented a new platform release process with backward-compatibility checks and automated network fault-injection testing, increasing release reliability and preventing breaking changes for consumers

The platform itself is a modular monorepo containing several dozen runtime libraries, build tools, and multiple .NET CLI tools, delivered as NuGet packages (NUKE build and Azure).

Senior Developer

Aug 2024 → Jul 2025

[=nil; Foundation](#)

As part of the zkEVM Engineering team, I designed and built a system for a distributed Zero-Knowledge Proof (ZKP) generation network, coordinating computational tasks across a multi-shard L2 cluster.

[Project Main Repo \(GitHub\)](#) · [Recommendation Letter from our CTO \(PDF\)](#)

Key features of the system:

- Orchestrating a highly distributed zero-knowledge proof (ZKP) generation network
- Synchronization between a multi-shard L2 cluster and Ethereum (L1)

The system was implemented primarily in Go and Solidity, with all major components open-sourced.

Senior Developer

Aug 2023 → Aug 2024

[Mobile Park](#)

Initially, I joined the company to automate the migration of a large legacy codebase to modern .NET. The main goal was to speed up refactoring of a system built on deprecated technologies such as .NET Framework 3.x and iBatis.

To achieve this, we developed a large set of source code analyzers/rewriters, built on Roslyn for syntax and semantic analysis and complemented with NuGet packages designed to replace outdated or unwanted dependencies.

After that, I transitioned to internal platform development. My main goal was to provide a unified set of tools for multiple engineering teams.

Lead Developer

Sep 2022 → Aug 2023

[Ozon Tech](#)

Ozon is one of the largest e-commerce platforms in Russia, operating at a massive scale with a microservices-based architecture.

Here I designed and led the development of a complex financial system, implemented in C# and Go, handling seller tariffication and charging processes.

My other areas of work included solving issues related to distributed systems and asynchronous data flows (primarily gRPC and Apache Kafka).

Senior Developer

Mar 2021 → Sep 2022

[BARS Group](#)

Created and taught a company-based backend development course for junior engineers, mentoring around 10 students who later secured internships and full-time roles.

Developed reusable internal .NET libraries and tools, including RPC and caching frameworks used by multiple engineering teams. Led the refactoring and migration of a large monolithic application from .NET Framework 4.x to .NET 5/6.

Middle Developer

Aug 2019 → Mar 2021

[BARS Group](#)

Contributed to the development and maintenance of a regional billing system.

Implemented new .NET Core services, investigated performance and stability issues, and migrated legacy codebase components to newer frameworks and libraries.

Junior Developer

Feb 2019 → Aug 2019

[BARS Group](#)

Joined the department as an intern in my first corporate software engineering role and received a full-time offer after two weeks.

Developed and maintained SOAP and REST integration services. Built a Windows desktop application that exposed a high-level API for communication with physical cash register devices.

EDUCATION

Bachelor's Degree, Software Engineering

Sep 2017 → Jun 2021

[Kazan State University](#)

Program Track: Information Systems Development (ISD)

Avg Grade: 4.84 / 5.00

Senior Project: Postgres Dynamic Configuration

[Project Main Repo \(GitHub\)](#) · [Report in Russian \(PDF\)](#)