Mikhail Razakov

C# / .NET BACKEND DEVELOPER

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PROFILE

I build C#/.NET backend services and maintain the operational VpnMediator project. Approx. one year of aggregate commercial development on C#/.NET and adjacent technologies (candidate-reported), alongside ISP RAS work and an MCST internship. Focus: APIs, data integrity, idempotency and recovery.

TECHNICAL SKILLS

- C#, .NET, ASP.NET Core, REST API, OpenAPI, SQL, PostgreSQL, SQLite, EF Core
- Transactions, migrations, background work, payment state, idempotency; Git, Linux, Docker Compose, nginx, systemd

EXPERIENCE

ISP RAS · SharpChecker Oct 2026 — present

Symbolic computation and structured C# code/declaration metadata for static analysis and AI-assisted defect recognition.

MCST · compiler engineering internship Jul — Aug 2026

C++23/LLVM 22: experimental LICM with conservative legality checks; Python differential checks of before/after behavior.

Commercial development · C#/.NET & adjacent technologies approx. 1 year total

Application and backend work with C#/.NET, Unity, ASP.NET Core, SQL/PostgreSQL, file I/O and servers. Duration is candidate-reported.

PROJECTS

VpnMediator / Razaltush VPN · operational service

ASP.NET Core access/device backend, Python Telegram/payment bot and SQLite. Source includes payment event inbox, reconciliation and backup/rollback workflows; user numbers are candidate-reported.

UniversalToolchain · C#/.NET

Extensible language infrastructure with a typed LanguagePlan, interpreter/CIL backends and execution-parity tests.

TuringSquare-LMS · in development

Architecture and review of entitlements, roles and T-Bank sandbox payment verification. Some code is agent-implemented; no production launch claimed.

EDUCATION AND RECOGNITION

HSE University, Faculty of Computer Science — Software Engineering.

1st-degree diploma, MEPhI Junior 2026 (UniversalToolchain); LangDev 2026 speaker.