# Ostap Turash

**Backend Developer · Go · C#/.NET · Python · LLM integrations**

Ireland · +353 85 230 6621 · oturash.dev@gmail.com · ostapturash.dev · linkedin.com/in/ostap-turash · github.com/0stapyan

**Full right to work in Ireland, no sponsorship required.** Available immediately.

## Profile

Backend developer with commercial experience shipping Go features and LLM integrations (OpenAI API, n8n agentic workflows) at Spendbase. Hands-on with distributed systems: built and deployed a ~10-service microservices platform on Kubernetes with sagas, CDC and chaos testing. Combines engineering with an IT & Business Analysis degree. Seeking a graduate, junior backend or internship role in Ireland.

## Technical skills

- **Languages:** Go, C# / .NET 8, Python, SQL; C and C++ (academic)
- **Backend & data:** REST, gRPC, GraphQL, microservices, Clean Architecture, CQRS, saga/outbox, RabbitMQ, Kafka, Debezium CDC, PostgreSQL, Redis
- **Cloud & DevOps:** Docker, Kubernetes, Helm, GKE, GitHub Actions CI/CD, Linkerd, Grafana, k6
- **AI & practices:** OpenAI API, Claude, LLM function calling, MCP, n8n; Git, automated testing, Agile / Scrum

## Projects

**Distributed Booking System** · C# / .NET, RabbitMQ, Kafka, Kubernetes · team of 3

- Built a fault-tolerant hotel-booking platform of ~10 microservices on GKE (Helm, per-service CI/CD), verified with chaos experiments, Pact contract tests and k6 load tests.
- Implemented bookings as a 5-step orchestrated saga over RabbitMQ with the outbox pattern and compensating actions, with no two-phase commit.
- Replaced synchronous service calls with CDC (Debezium → Kafka) into local read replicas, so bookings keep working when upstream services are down.

**Go Chat Server** · Go (standard library only)

- Concurrent multi-room TCP chat with file transfer: one hub goroutine owns shared state over channels (race-free without mutexes), custom length-prefixed binary protocol, tests under the race detector.

**Other projects**

- API Design Styles (Python): one domain in REST, RabbitMQ messaging, gRPC + GraphQL and an MCP server with LLM function calling.
- Clean Architecture Auth (C#, ASP.NET Core 8): JWT auth with CQRS, BCrypt and rotating refresh tokens.
- Applied Cryptography (C#, C++, OpenSSL; team of 2): padding-oracle and bit-flipping attacks on AES, state recovery on the Strumok cipher.

## Experience

**Backend Developer**, Spendbase (LLM API team) · Kyiv, Ukraine · Sep 2025 – Aug 2026

- Delivered ~180 backend tasks in Go for the company's core product, working directly with the team lead.
- Automated model-pricing updates: built a Claude-powered bot that turns pricing-change alerts from the team's Slack monitoring bot into ready-to-review pull requests, replacing a manual alert → ticket → code-change loop for the team lead and developers.
- Built and maintained agentic workflows in n8n connecting automation logic with the OpenAI API.

**Agile Transformation Assistant**, Raiffeisen Bank Ukraine · Kyiv · Nov 2024 – Feb 2025

- Supported the rollout of Agile / Scrum practices and analysed delivery processes, helping teams communicate better and deliver faster.

**Admissions Counsellor**, Kyiv School of Economics · Kyiv · Jun 2023 – Aug 2023

- Interviewed and assessed applicants and advised prospective students and families on programmes.

## Education

**BA in IT & Business Analysis**, Kyiv School of Economics · Sep 2022 – expected Jun 2027

- Relevant modules: Distributed Systems (Fault Tolerance and Distributed Data), Software Architecture, API Design, Applied Cryptography, Compilers.

**Leadership programme**, Ukrainian Leadership Academy · Sep 2021 – Jun 2022

# Languages

Ukrainian (native) · English (B2, upper-intermediate; full professional working use)

References available on request.