

Tarasiuk Oleksandr

tarolv3@gmail.com linkedin telegram github portfolio

SUMMARY

Backend engineer with **2.5+ years** building production Node.js/NestJS systems in **fintech** and **automotive** domains. Experienced in microservice architecture, event-driven pipelines, and multi-database environments under real load.

EXPERIENCE

42flows.tech | Full-stack Developer 04.2025 – Present | 1 year

- Led migration from monolithic to **microservices architecture** for a banking Cashback module, improving scalability and maintainability.
- Integrated **Kafka**, **RabbitMQ**, and **Bull** message brokers for reliable inter-service communication, processing **300+** transactions per second.
- Implemented authentication and authorization using **Keycloak** and **LDAP**, supporting multi-tenant banking clients.
- Wrote complex **SQL transactions** and optimized queries across **PostgreSQL**, **Oracle**, and **MySQL** databases in production.
- Managed deployments via **Dokploy** on **AWS**, configured CI/CD pipelines, and monitored logs through **Kibana**.

CGS Team | Full-stack Developer 10.2023 – 02.2025 | 1 year 5 months

- Implemented advanced **Elasticsearch** search functionality with relevance tuning and filtering, improving result accuracy by **~20%**.
- Built a full-featured **Stripe** subscription system with webhook-driven billing and notifications.
- Extended a tree-based project management system with nested folders, node copying, and cascading RBAC for an interior design platform.
- Implemented user authentication and access control using **AWS Cognito**.
- Optimized **Redis** caching strategy, reducing database load by **~40%** and improving response times.

EDUCATION

Taras Shevchenko National University of Kyiv

Bachelor's Degree (incomplete) — Computer Science

Sep 2021 – Dec 2023

Completed 120 ECTS. Studies interrupted by the full-scale Russian invasion of Ukraine.

Coursework: OOP, Database Design, Discrete Math, Computer Networks, Theory of Computation, Math Analysis, Linear Algebra, Differential Equations.

SKILLS

| | | | |
|------------------|---|-----------------------|----------------------------------|
| Languages | TypeScript, JavaScript, Node.js | Backend | NestJS, ExpressJS, Swagger |
| API | REST, GraphQL, tRPC | Auth | Keycloak, LDAP, AWS Cognito |
| Messaging | Kafka, RabbitMQ, Bull | Frontend | React, Next.js |
| Databases | TypeORM, Prisma, DrizzleORM | Infrastructure | Docker, CI/CD, Kibana, Git, Jira |
| Spoken | Ukrainian (C2), English (B2), German (A1), Spanish (A1) | | |