

ANDREY LITVINOV

SENIOR BACKEND DEVELOPER

SOFTWARE ARCHITECT

TEAM LEAD

FINTECH · PAYMENTS · TRADING · DIGITAL ASSETS

OPEN TO: SENIOR BACKEND · ARCHITECT · TECH LEAD · CTO-TRACK

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I DESIGN AND BUILD BACKEND SYSTEMS FROM ARCHITECTURE TO PRODUCTION — AND LEAD THE TEAMS THAT SHIP THEM.

Hands-on: I write production code, review code, decompose tasks, mentor developers and keep delivery under control.

IN SHORT

ARCHITECTURE TO PRODUCTION. Microservices, APIs, payment and exchange workflows: designed, built and supported in production.

INTEGRATIONS THAT MISBEHAVE. Payment, AML/KYC, trading and market-data providers: rate limits, unstable APIs, different data formats.

LEGACY TO MODERN. Analysed legacy services with limited or missing documentation and took part in migrating them to .NET Core and Go.

TEAMS. Led Agile teams of 5+ people: backend, frontend/mobile, QA and DevOps.

SELECTED WORK

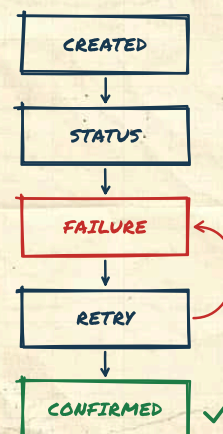
PAYMENT & WALLET INFRASTRUCTURE PLATFORM

SOFTWARE ARCHITECT / TEAM LEAD

A WALLET AND PAYMENT PLATFORM WITH EXCHANGE THROUGH EXTERNAL PROVIDERS, LIQUIDITY SOURCES AND CROSS-CHAIN INFRASTRUCTURE.

- Owned the backend architecture for the direction and led the technical team.
- Designed it on .NET Core microservices; built APIs, workflow services, exchange orchestration and provider integration layers.
- Designed the operation lifecycle: creation, statuses, failures, retries, confirmations and external events.
- Integrated external exchange providers, liquidity sources and blockchain infrastructure.
- Led developers, DevOps and QA in an Agile workflow: code review, task decomposition, sprint and delivery planning, production readiness.

BUILT WITH **.NET CORE** **DAPR WORKFLOWS** **REDIS** **RABBITMQ** **POSTGRESQL**



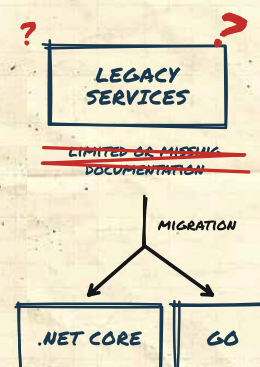
FOREX & CFD BROKER PLATFORM

SOFTWARE ARCHITECT / TEAM LEAD / SENIOR BACKEND DEVELOPER

BACKEND INFRASTRUCTURE FOR A FOREX + CFD BROKER: LEGACY MIGRATION, PAYMENT GATEWAY, AML CHECKS AND COLLECTOR SERVICES.

- Analysed legacy services with limited or missing documentation and took part in migrating them to .NET Core and Go.
- Designed and implemented a payment gateway with multiple deposit and withdrawal methods.
- Built AML services for address, transaction and payment risk checks.
- Built collector services that detect, process and collect incoming digital assets.
- Wrote a significant amount of production code before the team expanded; later acted as architect and team lead: code review, technical decisions, task planning, quality control.

BUILT WITH **.NET CORE** **GO** **CLEAN ARCHITECTURE** **POSTGRESQL** **REDIS** **AIRFLOW** **EF CORE**



DIGITAL ASSET EXCHANGE / TRADING PLATFORM

SENIOR BACKEND DEVELOPER

BACKEND SERVICES FOR A DIGITAL ASSET EXCHANGE: APIS, AML INTEGRATIONS, MARKET-DATA PROCESSING AND TRADING INFRASTRUCTURE FOR MULTIPLE EXTERNAL PROVIDERS.

- Built a market-depth service that synchronises order books from multiple CEX providers.
- Developed trading services for order execution, status handling and provider-specific logic.
- Developed backend APIs for exchange flows, user operations and internal services; integrated AML providers for address, transaction and risk-score checks.
- Worked with rate limits, unstable provider APIs and different market-data formats; improved reliability through logging, retry logic, error handling, service decomposition and production support.

BUILT WITH **NODE.JS** **TYPESCRIPT** **GO** **POSTGRES** **REDIS** **TRADING AND AML APIS**

TRADING AUTOMATION & DEFI INFRASTRUCTURE

SENIOR DEVELOPER

WORKED ON ARBITRAGE AND TRADING BOTS FOR LIQUIDITY POOLS AND DECENTRALISED EXCHANGES: SMART-CONTRACT INTEGRATION, ON-CHAIN EXECUTION LOGIC, GAS OPTIMISATION, TOKEN-LAUNCH MECHANICS.

BUILT WITH **NODE.JS** **TYPESCRIPT** **RUST** **SOLIDITY** **WEB3**

HOW I LEAD

AGILE TEAMS OF 5+

BACKEND · FRONTEND / MOBILE · QA · DEVOPS

My leadership style is hands-on: I stay close to architecture and code, help with difficult implementation details, investigate production issues, and still keep team delivery under control.

- Task decomposition and technical planning
- Code review and engineering quality control
- Architecture decisions and technical ownership
- Release planning and production readiness
- Sprint planning, backlog refinement, delivery tracking
- Mentoring developers
- Coordination with product and business stakeholders
- Investigation of production incidents and legacy systems

AI-ASSISTED ENGINEERING

AI-assisted development with Cursor, OpenCode and similar tools. LLMs for code analysis, refactoring, documentation and research. Agent-based workflows for task decomposition, implementation planning and engineering automation. Local LLMs and API-based providers.

TOOLBOX

BACKEND	.NET Core, C#, Node.js, TypeScript, Go
ARCHITECTURE	Microservices, Clean Architecture, CQRS, DDD, event-driven, REST, gRPC, Dapr, MediatR
DATA	PostgreSQL, Redis, ClickHouse, MongoDB, RavenDB, SQL Server · RabbitMQ, Dapr pub/sub
INFRASTRUCTURE	Docker, Grafana, Prometheus, Loki, OpenTelemetry, Vault, Airflow
FINTECH	Payment, AML/KYC, trading and market-data APIs · CEX/DEX · Web3, Solidity, EVM, Uniswap V2/V3, Thorchain
ALSO	EF Core, Dapper, Prisma · React, Next.js, Vue.js, Flutter · xUnit, Jest

CAREER

2008 – NOW	Contract work · Senior Backend Developer / Software Architect / Team Lead — the projects above.
2017 – 2019	SL Enterprise Solutions · Account Director — sales of IT project solutions for major accounts.
2008 – 2017	Microsoft · Technical Account Manager — enterprise support delivery; in charge of growing the developer support practice.
2001 – 2008	Intergam Technologies · Project Manager — managed the Moscow development group; .NET and SQL Server.
2000 – 2001	ASSAKOM · Support engineer — internet provider: server infrastructure and customer support.
EDUCATION	Tsiolkovsky Russian State Technological University, Moscow — Bachelor & Master, 2001
LANGUAGES	Russian — native · English — professional working proficiency

LET'S TALK

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