



Andrii Saiak

Tech Lead · Senior Backend & Blockchain Engineer

CONTACT

LOCATION
Krakow, Poland

TELEGRAM
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LINKEDIN
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PROGRAMMING LANGUAGES

- Solidity
- JavaScript / TypeScript
- PHP
- Go

TECHNOLOGY

- Node.js (NestJS, Fastify, Express)
- Next.js, React, Redux
- Hardhat, Web3, Ethers
- Docker, Kubernetes, Terraform
- MySQL, PostgreSQL, MongoDB
- Redis, BullMQ, RabbitMQ
- Jest, Mocha, Supertest
- Sequelize, TypeORM, Prisma, MikroORM
- REST API, Socket.io

LANGUAGES

Ukrainian — native
English — intermediate

Professional Summary

Backend leader with 15+ years in commercial development, now focused on Node.js platforms and blockchain ecosystems. I architect distributed services with NestJS, Fastify, and event-driven patterns, connecting on-chain components written in Solidity with high-throughput APIs and infrastructure. My recent work bridges EVM and non-EVM networks, delivering resilient payment, custody, and DeFi products while guiding teams toward secure, observable systems.

Experience

Kuna Pay

Senior Backend Engineer / Blockchain Architect January 2025 — Present · Remote

- Architect scalable microservices for a payment platform and blockchain workflows.
- Integrate EVM and non-EVM blockchains to deliver reliable interoperability.
- Lead operational monitoring and resilience of distributed infrastructure.

Lacero Platform / Guardian Network

Senior Backend (Blockchain) Engineer July 2023 — December 2024 · Remote

- Expanded Node.js and NestJS microservices for a digital asset custody platform.
- Orchestrated environments on IBM Cloud using Docker Compose and Kubernetes.
- Conducted code reviews and provided technical guidance to uphold code quality.

RVA Fintech

Senior Backend (Blockchain) Engineer December 2022 — July 2023 · Remote

- Delivered NestJS backend services with PostgreSQL and Redis for fintech products.
- Integrated Uniswap and DeFi protocols to enable trading capabilities.
- Optimized performance through caching, database tuning, and efficient algorithms.

Ambisafe

Blockchain Software Engineer, Senior Full Stack Developer February 2022 — December 2022 · Remote

- Migrated backend services from Python to Node.js and NestJS for higher performance.
- Delivered a React SPA with Redux, client-side routing, and third-party integrations.
- Coordinated with product managers and QA to support continuous releases.

Inoxoft

Senior Backend Engineer, Blockchain Software Engineer June 2021 — February 2022 · Remote

- Built Solidity smart contracts for a large-scale NFT marketplace.
- Led testing and reviews to guarantee contract security and compliance.
- Collaborated with cross-functional teams within agile processes.

Intelligent Community / Marcoin / Starbot

Tech Lead, Senior Full Stack Developer April 2019 — June 2021 · Remote

- Led development of automated trading tools for cryptocurrency exchanges.
- Designed analytical scripts for financial indicators and trading signals.
- Established testing and optimization practices to stabilize products.

MultiMiner Ltd.

Team Lead, Senior Full Stack Developer 2017 — 2019 · Remote

- Delivered internal projects with PHP (Laravel, Zend) and RESTful APIs.
- Designed and optimized MySQL/PostgreSQL schemas and backend logic.
- Conducted code reviews and mentored developers across the team.

GlobalAmuse Ltd. / In Game Studio

Senior Full Stack Developer 2013 — 2017 · Remote

- Delivered backend and DevOps workflows for mobile and social games on Cocos2d-js.
- Built infrastructure supporting multiplayer, payments, and continuous delivery.
- Implemented CI/CD and monitoring for gaming services.

Freelance

Web Developer 2009 — 2013 · Remote

- Built responsive websites with HTML, CSS, and JavaScript tailored to clients.
- Implemented custom features including forms, galleries, CMS, and e-commerce.
- Collaborated closely with clients on requirements, design, and delivery.

Core Competencies

Backend & Microservices

- NestJS, Fastify, Express, GraphQL, and REST API design.
- PostgreSQL, MySQL, MongoDB, Redis, caching, and CQRS patterns.
- Modular architectures, schema evolution, testing (Jest, Mocha, Supertest).

Infrastructure & DevOps

- Docker, Docker Compose, Kubernetes, Terraform.
- CI/CD pipelines, monitoring, observability.
- Cloud environments, secrets management, high availability.

Blockchain & DeFi

- Solidity, Hardhat, Truffle, and Web3/Ethers integrations.
- DeFi protocols (Uniswap) and cross-chain interoperability.
- Smart contract security, audits, and automated testing.

Full Stack & Collaboration

- React, Next.js, Redux, and SPA architectures.
- Partnering with designers, QA, and product managers.
- Leadership, code review, and mentoring development teams.

Education

Precarpathian National University

B.S. in Finance 2005 — 2010 · Ivano-Frankivsk, Ukraine

College 21

Information Technology 2001 — 2005 · Ivano-Frankivsk, Ukraine

Certifications

[Official NestJS Course: NestJS Fundamentals](#)

[Official NestJS Course: NestJS Microservices](#)

[Ethereum and Solidity: The Complete Developer's Guide](#)

[Solidity for Blockchain Development](#)

[Generative AI Model Development](#)