

Ivan Boyko — DeFi & Blockchain Architecture Track Record

A structured and professionally categorized overview of Ivan Boyko's contributions to the blockchain industry across DeFi, infrastructure, and ecosystem design. This document consolidates key projects and roles from 2017 to 2025, with emphasis on architecture, implementation, and leadership in the Web3 domain.



Chronological Record of Projects (Latest First)

2024–2025 — BitTON.AI

Role: Concept Developer, Team Leader

Designed TON-based DeFi mechanics with cycle-based staking, automated buy-back flows, and Telegram-integrated contribution layers. Managed the development of token logic and smart contract deployment with daily reward computation and lock period logic.

2022–2024 — Telegram / The Open Network (TON)

Role: Architect, Team Leader

Implemented smart contract infrastructure for Telegram-native user contribution tracking, reward attribution, and tokenized utility tied to chat-based activity. Built P2P contribution streams and integrated custom TON-based token reward logic across Telegram communities.

2021 — City-BTC (Ljubljana)

Role: Architect, Team Leader

Built one of the first live Bitcoin-based POS and retail settlement systems in the EU. Enabled BTC/USDT transactions at physical stores, with invoice routing, fiat conversion rails, and stablecoin-based inventory balancing in a retail mall (BTC City, Ljubljana).

2020–2022 — EVM/BASE/TON DeFi Projects (Confidential)

Role: Architect, Concept Developer

Led smart contract architecture for:

- Lending & borrowing platforms with over-collateralization models*
- Synthetic asset protocols using decentralized oracles*
- Concentrated liquidity AMMs and yield routing logic*
- Staking vaults with dynamic APY modulation*

Focused on Ethereum, BASE, and TON chain compatibility.

2020 — Blockchain.zoo / Digital Galaxy

Role: Project Manager for Family Offices

Delivered tokenization strategy and portfolio tooling for private Web3 investors. Developed compliant token wrappers, real-yield distribution smart contracts, and hybrid DeFi-native + off-chain investment dashboards.

2019–2020 — Regional P2P Exchange Platforms (EU / MENA / Africa)

Role: Architect, Team Leader

Developed P2P exchanges supporting fiat on/off ramps (including M-Pesa). Designed AML-aware onboarding flows, escrow smart contracts, and cross-currency liquidity bridges across underbanked geographies.

2018–2019 — CBDC Prototypes (Hungary, Singapore, Ukraine, Slovenia, Australia)

Role: Architect

Contributed to CBDC conceptualization and early pilot designs, including:

- Central issuance wallets and state-controlled mint/burn logic*
- Dual-tier retail vs. institutional flow separation*
- Real-time compliance indexing for audit-ready monitoring*

2017–2018 — 1inch (Early-stage Advisor)

Role: Project Advisor

Advised during the early conceptual and technical validation stages of 1inch. Contributed to liquidity aggregation architecture, routing mechanisms, and protocol growth strategy.

2017 — First Ukrainian Centralized Exchange

Role: Co-Founder, Team Lead

Architected and led development of the first operational centralized crypto exchange in Ukraine. Oversaw wallet infrastructure, internal order book engine, KYC/AML modules, and platform launch.

As Concept Developer

- Modeled DAO-based governance with delegation, time-locks, and vote-weighting*
- Developed tokenomics for play-to-earn games and synthetic yield staking*
- Structured APY blend strategies including automated equity conversion mechanisms*

As Project Manager for Family Offices

- Designed token investment vehicles with transparent distribution mechanisms*
- Created regulated hybrid investment dashboards with on-chain settlement*
- Managed Web3 fund flows, portfolio exposure modeling, and capital*

preservation strategies

2016-2017

*Strategic and results-driven ICO (Initial Coin Offering) expert
ICO fundraising strategy & execution*

Tokenomics design and economic modeling

Whitepaper drafting and technical documentation

Regulatory and legal compliance (KYC/AML)

Blockchain technology and smart contracts

Crypto community building & management

Investor relations and pitch development

Roadmap planning and product-market fit

2015-2016

*Blockchain Developer — Crypto Arbitrage Trading Bots
Blockchain protocols (Ethereum, BSC, Solana, etc.)*

Arbitrage strategies: triangular arbitrage, cross-exchange arbitrage, statistical arbitrage

API integration (REST, WebSocket) with major exchanges: Binance, Coinbase, Kraken, KuCoin, etc.

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Disclaimer

Due to confidentiality and strategic sensitivity, many project names and technical components are bound by NDAs. This document summarizes publicly referenceable or permitted contributions, which is standard practice in enterprise-level blockchain development.