

Ivan Leskov

Blockchain engineer

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Blockchain Solidity Engineer experienced in smart contract development, gas optimization, and security. Technical reviewer for the book 'Developing Blockchain Solutions in the Cloud' with a proven track record of delivering efficient, secure, and scalable blockchain applications.

Work Experience

Blockchain Engineer

Jan 2024 - Present

Independent Projects (See 'Projects' section)

Worked with early-stage blockchain startups and personal projects, focusing on smart contract development, decentralized application architecture across multiple chains, technical reviews, audits and side projects.

- Designed and implemented custom smart contract solutions for various DeFi and NFT use cases.
- Built full-stack dApps with React, Next.js and Solidity, focusing on user experience and secure blockchain integration.
- Deepened security expertise by performing smart contract audits on Code4rena, identifying vulnerabilities across different blockchain projects.

Blockchain Engineer

Oct 2022 - Jan 2024

BlockTrust

Developed a comprehensive library of NFT smart contracts (ERC-721 and ERC-1155) for physical asset tokenization, primarily focusing on firearm collectibles and other real-world items for major clients in the collectibles industry.

- Created a full set of backend infrastructure for various projects and clients, including Node.js endpoints to retrieve blockchain data
- Created certificates of authenticity as NFTs for the firearm collection market, supporting charity initiatives through sales
- Developed reusable smart contract libraries and blockchain infrastructure components to streamline development across multiple projects
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Independent Trader

Jun 2019 - Mar 2022

Executed sophisticated trading strategies in volatile cryptocurrency markets, maintaining financial independence through disciplined analysis and strategic position management.

- Mastered market cycles through rigorous technical analysis, navigating two significant market rises and subsequent corrections
- Transformed market insights into actionable technical knowledge, facilitating strategic transition to blockchain development

Dominated regional banking and insurance markets through strategic client acquisition and sophisticated financial product positioning, establishing unmatched sales authority.

- Secured top sales performer status across entire regional branch network for multiple consecutive months
- Mastered complex insurance and banking offerings, creating persuasive value propositions for diverse client portfolios

Projects

Stacknova

Feb 2024 - Feb 2025

Developed multi-chain presale infrastructure across eight EVM-compatible blockchains, implementing secure and efficient smart contracts in Solidity.

- Built and deployed Solidity smart contracts for cross-chain presale functionality.
- Created GraphQL infrastructure to sync all transaction data across 8 chains efficiently.
- Implemented fully backend and frontend for presale page, creating a complete end-to-end solution

Blockchain Client

Mar 2025 - Apr 2025

Executed adaptation of Uniswap v3 for custom blockchain, overcoming significant technical barriers in contract deployment and EVM compatibility issues to deliver a functional decentralized exchange.

- Deployed essential infrastructure contracts (UniswapInterfaceMulticall, CREATE2, Permit2) with precise configuration, establishing full protocol functionality on a chain with limited compatibility
- Modified and patched multiple core packages (sdk-core, universal-router-sdk, smart-order-router etc.) to support custom chain parameters
- Resolved complex EVM version mismatches (Istanbul vs. Cancun) while executing comprehensive UI redesign according to client specifications

Packt

Sep 2023 - Feb 2024

Served as technical reviewer for 'Developing Blockchain Solutions in the Cloud', with my name and bio featured in the published book.

- Reviewed technical content across 15+ chapters, ensuring accuracy and quality of blockchain concepts
- Provided technical feedback and suggestions to improve code examples and architectural explanations
- Collaborated with authors and editors to enhance the educational value of the publication

Aetlas

Oct 2023 - Feb 2024

Developed an upgradable DeFi system for carbon offset tokens, featuring ERC20-compliant token pools with deposit, redemption, and cross-chain bridging capabilities.

- Built dynamic pricing mechanism for carbon projects based on attributes like region, standard, and methodology
- Engineered multi-asset AMM pools using Balancer's price formulas to ensure stable pricing for carbon market assets
- Guided and helped external team participation in Chainlink Hackathon, implementing wrapped MRV standard for oracle integration with carbon methodologies

1000Geeks

May 2022 - Oct 2022

Developed smart contracts for NFT projects using Solidity.

- Integrated blockchain components using node.js endpoints for scalable and efficient deployment
- Implemented gas optimization techniques for more cost-effective transactions.

Volunteer Experience

Blockchain Engineer

Apr 2023 - May 2023

BLoxtrust

One of the firearms from the collection I worked on was gifted by Czech President Petr Pavel to President Zelensky. The certificate of authenticity contract was created by me, with the NFT sold at auction and proceeds going to charity.

Core Skills

Blockchain, Solidity, Ethereum, EVM, Hardhat, Foundry, ethers.js, DeFi, Typescript

Languages

English (*Professional*), Ukrainian (*Native*), Polish (*Native*), Russian (*Fluent*)

Certificates

CS50x

Harvard University

Ethereum Smart Contract Security

Moralis Academy

Chainlink Programming

Moralis Academy

Ethereum DAPP Programming

Moralis Academy

Blockchain Developer Bootcamp

Dapp University

Publications

Medium

I am publishing articles on blockchain development topics

Developing Blockchain Solutions in the Cloud

Apr 2024

Packt

Served as technical reviewer for 'Developing Blockchain Solutions in the Cloud'

Interests

Chess, Fitness, Cycling, Reading