

# ARTEM MARTIUKHIN

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## Skills

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- TypeScript | JavaScript | Solidity | FunC | Go | C++ | R | NestJS | Node.js | Hardhat | MongoDB | Postgres | Redis | SQL | GraphQL | CMake
- Backend | Smart Contracts | Subgraphs | Security Audit | Unit Testing | Docker | OOP | Cryptography | Statistics | CI/CD | Git
- Blockchain | Decentralized Finance | Data Analysis | Computer Science | English, Ukrainian, Russian– *All professional proficiency or above*

## Experience

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### Blockchain Developer

#### IdeaSoft

Austin, TX, USA

04/2023 - 07/2024

- Led the development of multiple enterprise-level cross chain applications, driving \$2 millions of revenue using the technologies of **Solidity, TypeScript, NestJS, The Graph, Mongo, Bitcoin Ordinals**
- Designed and implemented scalable APIs, subgraphs and background workers for cross chain bridge application managing **Ordinals BRC-20** and **Runes** balances across multiple chains like **Ethereum, Bitcoin, Solana, Arbitrum, Binance Smart Chain, Base, Rootstock, CoreDAO**. Integrated cross-chain solutions utilizing **Chainlink CCIP** and **LayzerZero** protocols.
- Built and maintained smart contracts and subgraph for **automated market-making protocol** on top of **Arbitrum, Optimism, Ethereum, Blast** and **zk-Sync** chains utilizing various third-party DeFi protocols such as **Balancer, Curve, Uniswap V3, Chainlink Oracles**, managing assets over 1\$ million.
- Deployed the advanced ERC20 **vesting** functionalities within a token sale protocol.
- Created token distribution contracts on **TON** blockchain using technology of **FunC**.
- Continuous Integration, pull requests, code reviews, unit/integration testing, documentation writing.

### Blockchain Developer

#### Ambisafe

Los Angeles, CA, USA

05/2022 - 02/2023

- Led the development of smart contracts and off-chain services for a **lending protocol** based on **Aave** on top of the **Celo** and **Ethereum** chains, managing assets over 1\$ million using **Solidity, Typescript, Python, NestJS** and **Django**.
- Developed a decentralized **KYC** (Know Your Customer) service, integrating advanced verification technologies to ensure compliance with global regulatory standards,
- Executed two detailed **security audits** on smart contracts, efficiently identifying and rectifying vulnerabilities, thereby strengthening the security framework of clients' contracts.
- Developed integrated on-chain stock **price oracles**, leveraging blockchain technology to enhance financial data accuracy and reliability, opening new avenues for revenue generation.

### Blockchain Developer

#### Blaize

Dnipro, Ukraine

03/2021 -05/2022

- Designed and implemented enterprise smart contracts for protocol **IDO** using the latest technologies of **Solidity, Truffle, Remix, Hardhat**. Secured assets worth over 1\$ million.
- Engineered and maintained the core logic of three **automated market-making protocols** with integrations of such protocols as **Uniswap V2, PancakeSwap, Aave, Balancer, Curve** on top of **Ethereum, Binance Smart Chain, and Polygon** with total value locked at over 1\$ million.
- Performed more than eight **security audits**, successfully safeguarding against errors and vulnerabilities in smart contracts to ensure robust client operations.

## Education

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### Bachelor of Science

#### Ukrainian State University of Chemical Technology

Dnipro, Ukraine

09/2019 -05/2023

- Major in Informational Technology

## Certificates

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- Specialization IBM Data Analytics with Excel and R

10/2023