



Ali Nasirlou

Smart Contract Developer
& Security Auditor

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<https://ali-nasirlou-resume.vercel.app>

PLAYER_STATS

Class **Blockchain Dev**

Guild **Smart Contract Security**

Server **Polygon/Ethereum**

MISSION_STATEMENT

I build secure, audit-ready Web3 protocols, including marketplaces, DAOs, and staking systems. Focusing on defensive architecture, invariant testing, and rigorous vulnerability analysis with Foundry, I ensure smart contracts are protected and optimized from day one.

SKILLS

Languages

Solidity Python

Dev Frameworks

Foundry Hardhat Remix

Security & Auditing

Aderyn Slither Solhint
Echidna Mythril

Monitoring & Data

Tenderly Forta The Graph

Integrations & Infra

Chainlink Wallet Security
Wallet Connect IPFS

Wallets

Metamask Trust Rabby
Phantom TronLink

Networks

Ethereum Polygon Tron
BNB Smart Chain

EDUCATION

Islamic Azad University
Bachelor of computer Engineering
2025 - PRESENT

LOCALIZATION

Persian (Native)
English (Fluent)

PROJECTS

Wakanda Staking

2026 - PRESENT

- Engineered DeFi staking infrastructure using Foundry & OpenZeppelin standards.
- Implemented Synthetix Staking Algorithm with gas-efficient \$O(1)\$ index tracking.
- Developed dual-token economy (AVNG/VBR) with Role-Based Access Control (RBAC).
- Verified contract integrity via Slither and integrated Next.js/Wagmi DApp.

VAULT NFT MARKETPLACE

2025 - PRESENT

- Developed gameplay mechanics and integrated assets using industry-standard game engines and development frameworks.
- Optimized rendering pipelines and system performance to enhance frame rates and user interaction quality.
- Collaborated in agile production cycles contributing to feature planning, iteration, and deployment milestones.
- Supported asset integration, UI implementation, and scripting for interactive game environments.

Ivan Tower (RWA)

2025 - PRESENT

- Developed a modular ERC721 tokenization framework using Foundry & OpenZeppelin.
- Engineered a dynamic, scalable architecture allowing for on-chain floor expansion without state disruption.
- Managed high-density asset metadata via Python-based generation and standard JSON indexing for cross-platform rendering.
- Deployed and verified production-ready implementation on Polygon Amoy.

CERTIFICATE

Smart Contract Development
Cyfrin (16h) 

NFT Programming
MaktabKhooneh (8h) 

How To Write WhitePaper
MaktabKhooneh (10h) 

How To List And Price
Tokens In The Exchange
Maktabkhooneh (9h) 

Basic Wallet Security
Cyfrin (2h) 

Advanced Wallet Security
Cyfrin (2h) 

Prompt Engineering
Dubai Foundation (4h) 

Nexus DAO

2025 - PRESENT

- Developed a decentralized governance ecosystem using Foundry and OpenZeppelin standards.
- Implemented a governance token architecture supporting proposal creation, delegation, and voting mechanisms.
- Engineered automated timelocked execution and an invariant-tested treasury module.
- Built a custom React/Tailwind frontend dashboard for real-time on-chain interaction and proposal tracking.

Ivan Token (Governor ERC20)

2025 - PRESENT

- Engineered a secure governance token using Foundry and OpenZeppelin standards.
- Implemented weighted voting mechanisms and strict ownership security controls.
- Deployed utilizing a custom **Vanity Address** generated via cryptographic salt mining for brand identity.
- Integrated an integrated blacklist functionality for compliance and risk management.

REFERENCES

 09962738099

 1384alinasirlou@gmail.com

 [Ali Nasirlou](#)

 [alinasirlou2020](#)

 [Personal Website](#)

Work Experiences

Senior NFT Programmer

JAN 2026 - MAY 2026

Metaverse Rang Iran - Qazvin, Iran

- Developed hierarchical NFT architecture connecting Earth, island, and central tower assets using Foundry.
- Engineered parent-child and nested structural relationships ensuring proper on-chain linkage.
- Wrote comprehensive smart contract unit tests and security validation scripts using Foundry.
- Implemented strict metadata indexing and generation standards for multi-tier virtual real estate assets.

Smart Contrcat Programmer

JAN 2026 - MAY 2026

PSC Coin - Dubai, UAE (Remote)

- Collaborated on the development of dual token architectures for PSC (governance) and PSD (utility).
- Contributed to security reviews, auditing preparation, and code optimization alongside senior developers.
- Assisted in writing and executing smart contract tests using Foundry to ensure transaction reliability.