

# HAKOB GRIGORYAN

## CERTIFICATION

### Blockchain Developer Bootcamp

Udemy

### Python for Everybody

Coursera (by University of Michigan)

### Smart Contract Security

Ethernaut (Challenge Completion)

### Linux Command Line Basics

freeCodeCamp

## SKILLS

Data Visualization • Python • Solidity •

JavaScript • HTML • CSS • Bash •

Ethereum • Binance Smart Chain •

Polygon • Web3.py • Hardhat • Truffle •

Ethers.js • IPFS • MetaMask Integration

## KEY ACHIEVEMENTS

### Streamlined reporting processes

Developed a new reporting framework that reduced the time required for data analysis by 40%, significantly impacting operational efficiency.

### Enhanced data integration

Led a critical data integration project that consolidated multiple data sources into a single, coherent framework, increasing data accessibility for all departments.

### Award for innovation

Received the 'Innovator of the Year' award for developing a predictive analytics tool that decreased forecast errors by 25%.

## BlockChain Developer | Python Developer

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## SUMMARY

Detail-oriented and innovative **Blockchain & Python Developer** with over 3 years of hands-on experience in developing smart contracts, decentralized applications (dApps), and secure backend systems. Strong foundation in cryptographic systems, Web3 ecosystems, and cloud deployment. Passionate about DeFi, Web3, and building robust, user-focused blockchain tools.

## EXPERIENCE

### Freelance Blockchain Developer

07/2022 - Present

#### Remote

- Developed and audited smart contracts for clients globally.
- Built full-stack blockchain apps using **Solidity + Web3.py + FastAPI**.
- Helped startups integrate **DeFi protocols**, tokens, and wallet-based auth.

### Python Backend Developer – Intern

03/2021 - 08/2021

#### Armenian Tech Hub

- Contributed to internal tools for data scraping, API building, and microservices.
- Learned and practiced **clean code principles**, **Git workflows**, and Agile sprints.
- Automated data pipelines and integrated third-party REST APIs.

## PROJECTS

### Decentralized Voting DApp

Smart Contract, React, Web3.py, Ganache, IPFS

- Built a blockchain-based voting platform ensuring **transparency and tamper-resistance**.
- Users could vote only once, and results were **publicly verifiable on-chain**.
- Deployed on Rinkeby testnet; IPFS used for decentralized storage of voter data hash.

### NFT Marketplace

Solidity, Hardhat, React.js, FastAPI, PostgreSQL

- Created a complete NFT marketplace where users could **mint, list, and sell NFTs**.
- Integrated MetaMask for wallet-based authentication and used IPFS to store metadata.
- Backend REST API supported marketplace search, filtering, and transactions.

## EDUCATION

### Yerevan State University

09/2020 - 07/2024

#### Bachelor of Science in Computer Science

GPA: 3.8 / 4.0

- Cryptography
- Data Structures & Algorithms
- Distributed Systems
- Database Management
- Advanced Python Programming