Nazar H.
Blockchain Developer

Summary

I am a passionate Smart Contract / Web3 developer with previous experience in Python for the back-end and a little experience in data science.

Developed Smart Contracts, tested them, integrated them into the front-end, wrote subgraphs, implemented upgradeable Smart Contracts, Merkle trees. And made interaction scripts for several Defi projects.

I am a team player, always wanting to understand the whole architecture and participate in decision-making.

Skills

Programming Languages/ Technologies:
· Solidity
· JavaScript/Typescript (Node.js)
· Python

Frameworks/Libraries
· Hardhat / Truffle
· OpenZeppelin
· Web3.js / ethers.js
· The Graph
· Python(bumpy, pandas, sci-kit)
· React / Vue
· Nest

Bug Tracking/Project Management Software/CVS/Build Automation
· Git
· Jira
· Notion
· Jenkins CI / Github actions

Others:
. Linux
. NoSQL (Cassandra)
. ElasticSearch + Kibana
. Regex
. Jupyter Notebooks
· Agile, SCRUM
· OOP
· Unit Tests (mocha)

Languages
· Ukrainian – Bilingual
· Russian – Bilingual
· English – Upper-intermediate

Professional experience

MVP Social Network

Develop MVP version of social network that would be used as a browser extension and integrated into many websites.
Duration:10.2020-05.2021 (8 months)
Client: Kyiv, Ukraine
Role: Junior Python Developer
Responsibilities:
· Develop and Architect Database Entities in Cassandra DB
· Develop Rest API and manage Web Server
Tools & Technologies:
Flask API, Numpy, Cassandra DB, CentOS Server, ElasticSearch, Kibana
Achievements: Learned about DevOps and NoSQL databases

GetU.finance Liquidity protocol

Development of Liquidity Protocol with Depositing/Borrowing functionality both from the Front-end(JS/React/Web3.js) and Smart Contracts(helped to write tests)

Duration: *05.2021-02.2022 (10 months)*
Client: Ukraine
Role: Software Engineer (Javascript, Python, Solidity)
Responsibilities:
·   Testing and Integrating Smart Contracts into the front-end
·   Developing small Smart Contract projects like MVP Oracles
.   Managing and deploying applications on a Linux server
Tools & Technologies:
Web3.js, Solidity, React, Truffle, Hardhat, Node.js, Jenkins
Achievements: learned a lot about the blockchain industry and started by forking Pancake and Aave

*** over-collateralized lending platform with a stable-coin feature

Development and testing of new features for over-collateralized Liquidity Protocol with a stable-coin feature.

Duration: *02.2022-11.2022 (10 months)*
Client: Switzerland
Role: Blockchain Developer (Solidity, Js/Typescript)
Responsibilities:
·   Testing and Developing Smart Contracts or new features
·   Writing subgraph indexing for Smart Contracts and tests
.   Helping in Smart Contracts integration for front-end and back-end
Tools & Technologies:
Solidity, Ethers.js, Hardhat, Openzeppelin, Node.js + Typescript, Nest, The Graph, React
Achievements: Increased expertise in Solidity and blockchain domain. Wrote a lot of tests, learned basic security in Smart Contracts, Merkle trees, Upgradeable Smart Contracts, The Graph, started using typescript, and now have basic experience with Nest (didn't have Node.js **back-end** experience previously)

Education
Igor Sikorsky Kyiv Polytechnic
Institute Faculty of Applied
Mathematics, Specialisation in Data
Science and Mathematical Modelling
(bachelor)

+ Currently studying for a master's
degree there (Data Science)