

# Taras

## Senior BLOCKCHAIN DEVELOPER

### SUMMARY

Blockchain Developer and Software Engineer with over 5 years of hands-on experience. Skilled in multiple key programming languages including Rust, Solidity, Python, JavaScript, and TypeScript, and proficient in English with a B2 level. Holds a comprehensive education in Computer Science and Software Engineering. Technical expertise is demonstrated in diverse blockchain environments like Ethereum, Polygon, and Solana, including advanced skills in smart contracts development, security optimizations, and integration of various blockchain technologies. Proven track record in backend development with frameworks such as Django and Node.js, cloud services like AWS, and proficiency in DevOps tools such as Docker, Kubernetes, and Terraform. Successfully improved deployment speeds by 40% through Helm charts and bolstered smart contract security to mitigate 95% of exploit vectors. Combines a passion for programming with effective leadership and project management abilities which contributes to technological advancements and project success.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Rust (3 yr.), TypeScript (2 yr.), Solidity (2 yr.)
<b>Programming Languages</b>	JavaScript (2 yr.), Python (3 yr.), Rust (3 yr.), Solidity (2 yr.), TypeScript (2 yr.)
<b>Rust Frameworks</b>	Actix Web (1 yr.)
<b>JavaScript Libraries and Tools</b>	Ethers.js, Web3.js
<b>JavaScript Frameworks</b>	Express (1 yr.), Node.js (1 yr.)
<b>Databases &amp; Management Systems / ORM</b>	AWS DynamoDB (2 yr.), CouchDB (1 yr.), MongoDB (1 yr.)
<b>Amazon Web Services</b>	AWS DynamoDB (2 yr.), AWS SQS (3 yr.)
<b>BlockChain and Decentralized Software</b>	Anchor, EIP, ERC-1155, ERC-20, ERC-721, Ethers.js, Ganache CLI, Hardhat, Hyperledger (1 yr.), IPFS (InterPlanetary File System), Tokio (2 yr.), Web3
<b>SDK / API and Integrations</b>	API

<b>Virtualization, Containers and Orchestration</b>	Docker Compose (4 yr.), Terraform (2 yr.)
<b>Version Control</b>	Github Actions (3 yr.)
<b>Deployment, CI/CD &amp; Administration</b>	GitLab CI (2 yr.), Helm (1 yr.), Jenkins (1 yr.)
<b>Message/Queue/Task Brokers</b>	Kafka (1 yr.)
<b>Methodologies, Paradigms and Patterns</b>	SOLID (2 yr.)
<b>Other Technical Skills</b>	Slither, Solhint, SPL, Waffle

## WORK EXPERIENCE

### Blockchain Developer / Software Engineer, CRYPTO EXCHANGE PLATFORM

**Duration:** 08.2023 - Till Now

**Summary:** Decentralized exchange platform aimed at improving the De-Fi user experience by making it more flexible and simple.

**Responsibilities:** Blockchain development, architecture design, REST API schema design, blockchain integration, algorithm development, scalability and security evaluation, functional testing, backend development, database management, infrastructure optimization, CI/CD setup, and compliance assurance.

**Technologies:** Solidity, Python, Django, Django Rest Framework, Celery, Polygon, web3.py, HardHat, ethers.js, OpenZeppelin, Waffle, ERC-20, EIP-712, Slither, Solhint, PostgreSQL, Redis, AWS, Kafka, Docker, Kubernetes(k8s), Helm, Terraform, GitLab

### Blockchain Developer / Software Engineer, ONLINE GAMING PLATFORM

**Duration:** 07.2022 - 08.2023

**Summary:** A decentralized online gaming platform that uses blockchain for a fair, transparent and secure gaming experience, offering various games and rewards in digital tokens.

**Responsibilities:** Blockchain development, environment auditing, health and performance monitoring, backend development, smart contracts writing, security evaluations, algorithm development, integration, and testing.

**Technologies:** Rust, Solana, Anchor, SPL, IPFS, web3.js, Actix web, Tokio, MongoDB, AWS, Docker, Kubernetes(k8s), GitHub

### Software Engineer, SMART METERS SYSTEM

**Duration:** 10.2021 - 07.2022

**Summary:** A service for interacting with smart meters using dlms/cosem protocol for reading collection and command dispatching.

**Responsibilities:** Backend development, database and message queue optimization, notification setup, infrastructure deployment and management, dockerization, and writing unit tests.



**Technologies:** Rust, Python, Tokio, Django, Django Rest Framework, Celery, Redis, PostgreSQL, Kafka, AWS, Docker, Terraform, GitLab

### **Blockchain Developer / Software Engineer, DAPP PLATFORM**

**Duration:** 12.2020 - 10.2021

**Summary:** Decentralized application platform designed for industrial applications requiring high throughput, low latency, and scalability with attention to security.

**Responsibilities:** Backend development, smart contracts development, security solving, DAO system architecting, integration, replication optimization, infrastructure management, dockerization, testing, and code review.

**Technologies:** Rust, Python, Django, Django Rest Framework, Solana, Anchor, SPL, web3.js, PostgreSQL, Redis, AWS, Docker, Jenkins, GitHub

### **Blockchain Developer / Software Engineer, DECENTRALIZED FACTORY**

**Duration:** 05.2020 - 12.2020

**Summary:** A decentralized platform for creating IDOs, ICOs, IGOs, and INOs on various EVM-based networks with an allocation system based on staking a platform token.

**Responsibilities:** Smart contract development, backend development, staking mechanism implementation, DEX integration, EC2 setup, monitoring, security auditing, documentation, and testing.

**Technologies:** Python, Solidity, Django, Django Rest Framework, Ethereum, web3.py, HardHat, ethers.js, Waffle, ERC-721, ERC-20, ERC-1155, OpenZeppelin, Slither, Solhint, IPFS, PostgreSQL, AWS, Docker, GitHub

### **Blockchain Developer / Software Engineer, MEDICAL DATA MANAGEMENT SYSTEM**

**Duration:** 09.2019 - 05.2020

**Summary:** Secure storage for medical data offering patients control over their health information and promoting transparency in the healthcare system.

**Responsibilities:** Blockchain development, security vulnerability identification, smart contract complexity management, access control setup, network configuration, reporting, REST API, and testing.

**Technologies:** JavaScript, TypeScript, Hyperledger fabric, Node.js, Express.js, CouchDB, AWS, Docker, Kubernetes(k8s), GitLab

### **Blockchain Developer, NFT PLATFORM**

**Duration:** 02.2019 - 09.2019

**Summary:** NFT platform focused on baseball-related collectibles with an algorithm-regulated platform token used for NFT purchases and marketplace transactions.

**Responsibilities:** Blockchain development, smart contract protection, security issue resolution, algorithm development, NFT deployment and marketplace development, performance and gas optimization, testing.

**Technologies:** Solidity, JavaScript, TypeScript, HardHat, Ganache, Waffle, OpenZeppelin, Ethereum, Slither, Solhint, IPFS, ERC-20, ERC-721, web3.js, Wallets integrations, GitHub

## **EDUCATION**

- **Computer Science and Software Engineering**

