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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.

SKILLS

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

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

