SEPEHR MIRNASROLLAHI

BLOCKCHAIN/BACK-END

CONTACT

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 @sepehr-mnp

 Tehran/Tehran

SKILLS

Blockchain, Solidity, Golang, Web3.js, Rust, Git, Mocha, Ganache, RabbitMQ, Goent, gRPC, Docker

EDUCATION

Amirkabir University of Technology

09/2021 - present
Computer engineering
Current grade: 18.15
University entrance exam
rank: 90th in second area

EXPERIENCE

Exmodules
Full time
04/2023 - 01/2024
Blockchain developer

OVRXLAB
Full time
01/2024 - present
Blockchain developer

EAS
Part time
02/2024 – present
Blockchain developer
Back-end developer

PROFILE

As an accomplished Blockchain and Backend Developer, I bring a wealth of expertise in Solidity, Web3.js, Golang, Rust, and Java, specializing in the full lifecycle of smart contract development, from creation to deployment. My professional experience spans complex blockchain solutions and robust backend systems, marked by my ability to integrate advanced technologies and innovate across both EVM and non-EVM compatible blockchains. I am committed to leveraging blockchain technology to enhance security, efficiency, and scalability in digital transactions.
Feel free to view my github page where you can find my personal projects

BLOCKCHAIN TECHNOLOGY

Blockchain Technologies: Experted in Web3.js, Ether.js, and ethClient for integrating and interacting with blockchain environments. Profound knowledge of deploying and managing tokens on platforms like Ethereum and Solana.

Smart Contract Development: Skilled in using Truffle, Hardhat, and OpenZeppelin for development, testing, deployment, and verification of smart contracts. Experienced in implementing upgradable smart contracts and utilizing Chainlink for decentralized oracle networks.

Smart Contract Engineering: Developed and deployed numerous smart contracts for various applications, including marketplaces, financial tools, and decentralized platforms. Utilized Solidity for EVM-compatible blockchains and Rust for non-EVM environments, enhancing contract efficiency and security.

Decentralized Finance (DeFi): Practical experience with DeFi protocols including Uniswap V2 and V3 for token swaps and liquidity provision directly through smart contracts.

Research and Development: Collaborated on blockchain research projects focusing on alternative solutions for Ethereum's Merkle Trie and World State, contributing to advancements in blockchain data structures and storage solutions. Notably, I secured first place in Iran's largest blockchain hackathon hosted by Nobitex, showcasing my innovative approach and technical expertise in blockchain development. LINK.

BACKEND TECHNOLOGY

Frameworks and Tools: Experience with Echo and Gorilla Mux for building secure HTTPS servers. Use of GORM and ENT for effective database management and operations.

Security and Authentication: Implementation of JWT for creating secure and scalable authentication platforms. Comprehensive understanding of permissioning techniques and security protocols in blockchain applications.

Backend System Development: Engineered robust backend solutions using Golang and Java, focusing on creating scalable and secure applications. Implemented microservices architecture with technologies like Docker, RabbitMQ, and gRPC.

Database and Server Management: Managed complex databases using GORM and ENT and developed HTTPS servers with high security and reliability using Echo and Gorilla Mux frameworks.