



Yurii Khyzhniak

Senior Senior Web3 / Frontend Engineer

SUMMARY

Software Engineer with 4 years experience, including FAANG tenure, excels in Web3, blockchain, and frontend technologies. Spearheaded development of high-traffic React and Next.js applications, enhancing performance metrics by 35%. Pioneered end-to-end decentralized solutions encompassing DeFi and NFT domains with strong proficiency in EVM, Solidity, and full-stack Web3 practices. Recognized for applying FAANG engineering standards to startup ecosystems, ensuring scalable and maintainable code. Holds a Bachelor's in Computer Science from Lviv Polytechnic National University, demonstrating a robust foundation in technical academia and a commitment to rigorous engineering methods.

TECHNICAL SKILLS

Main Technical Skills	Next.js, TypeScript (5 yr.), JavaScript (5 yr.), Node.js (5 yr.), React (5 yr.)
Programming Languages	JavaScript (5 yr.), TypeScript (5 yr.)
JavaScript Frameworks	Next.js, Node.js (5 yr.), React (5 yr.)
Databases & Management Systems / ORM	PostgreSQL (3 yr.), relational databases
UI Frameworks, Libraries, and Browsers	ShadCN
Amazon Web Services	AWS DevOps
BlockChain and Decentralized Software	IPFS (InterPlanetary File System)
SDK / API and Integrations	RESTful API
Methodologies, Paradigms and Patterns	Scrum
Mail / Network Protocols / Data transfer	WebRTC
Other Technical Skills	Backend, InterPlanetary File System, Teamwork, WAGMI



WORK EXPERIENCE

Senior Frontend / Web3 Engineer, Large-scale React and Next.js Applications

Duration: Sept 2019 – Sept 2025

Summary:

- Developed and scaled React and Next.js applications used by millions of users
- Improved Core Web Vitals and frontend performance by 35%
- Built reusable component systems and frontend architecture
- Collaborated with distributed teams across multiple time zones
- Mentored junior engineers and performed code reviews

Responsibilities: Frontend scaling and performance optimization, component system development, architecture design, team collaboration, mentorship, code reviews.

Technologies: React, Next.js

Web3 Engineer, DeFi and NFT Decentralized Applications

Duration: Sept 2025 – Present

Summary:

- Delivered DeFi and NFT-based decentralized applications end-to-end
- Integrated MetaMask, WalletConnect, and smart contract interactions
- Consumed on-chain and off-chain APIs for real-time dashboards
- Worked directly with founders and stakeholders in fast-paced environments

Responsibilities: Full DeFi and NFT dApp development, smart contract integration, API consumption, client liaison.

Technologies: MetaMask, WalletConnect, Smart Contracts

Web3 Engineer, DeFi Analytics Dashboard

Duration: Project Specific

Summary:

- Multi-chain DeFi dashboard with wallet portfolio tracking
- Built with React, Next.js
- js, Ethers.js
- js, and Tailwind CSS
- Real-time on-chain data visualization

Responsibilities: DeFi dashboard development, wallet tracking, on-chain data visualization.

Technologies: React, Next.js, Ethers.js, Tailwind CSS

Web3 Engineer, NFT Marketplace

Duration: Project Specific

Summary:

- NFT minting, listing, and wallet authentication
- Solidity smart contracts + React frontend
- IPFS integration for decentralized storage



Responsibilities: NFT minting and listing development, wallet authentication, smart contract and frontend integration, decentralized storage with IPFS.

Technologies: Solidity, React, IPFS

Web3 Engineer, Token Staking dApp

Duration: Project Specific

Summary:

- ERC-20 staking and rewards distribution
- Smart contract security best practices
- Full-stack Web3 implementation

RESPONSIBILITIES: TOKEN STAKING DAPP DEVELOPMENT, REWARDS DISTRIBUTION MECHANISM, SMART CONTRACT SECURITY ENHANCEMENT, FULL-STACK WEB3 INTEGRATION.

TECHNOLOGIES: ERC-20, SMART CONTRACTS, FULL-STACK WEB3 EDUCATION

- **Bachelor's Degree in Computer Science**
Lviv Polytechnic National University

