Oleksandr O
Senior Full-stack Developer

SUMMARY

- 10+ years experience as a Full-Stack Developer with of developing robust web applications and services, including extensive experience in both frontend and backend technologies;
- Technical proficiency with PHP and MySQL for server-side development, advanced JavaScript utilization on the client side;
- Strong abilities with blockchain technology engagement, including smart contracts and wallet development using Solidity, Hardhat, Truffle, WalletConnect, and Metamask SDK;
- Experienced with libraries Web3.js, and Ethers.js;
- Ability to work Ethereum Blockchain, Binance Smart Chain (BSC), with different wallets including MetaMask;
- Adept at working with a variety of frameworks and languages beyond core competencies, such as Laravel, Solidity, Node.js, and C++;
- Up-to-date with modern practices, possessing comprehensive experience in codebase upgrades, performance optimization, and integrating third-party APIs;
- Successfully led a development team, demonstrating strong leadership and project estimation skills.

TECHNICAL SKILLS

Main Technical Skills	PHP (9 yr.), JavaScript (9 yr.), MySQL (9 yr.), Solidity
Programming Languages	C++, JavaScript (9 yr.), PHP (9 yr.), Python, Solidity
C++ Libraries and Tools	C/C++/C# (1 yr.)
PHP Frameworks	CodeIgniter, CodeIgniter 3+, Laravel (1 yr.)
UI Frameworks, Libraries, and Browsers	CSS, HTML
JavaScript Libraries and Tools	Ethers.js, Web3.js
JavaScript Frameworks	Node.js, Remix
Databases & Management Systems / ORM	MongoDB, MySQL (9 yr.)
Version Control	BitBucket, Git (9 yr.)

BlockChain and Decentralized Software	Bitcoin Blockchain, BSC, Ethers.js, ETH (Ethereum blockchain), Hardhat, MetaMask, Phantom, Tron, Truffle, WalletConnect
Virtualization, Containers and Orchestration	Docker
Web/App Servers, Middleware	LAMP
Platforms	OpenCart, WordPress
Methodologies, Paradigms and Patterns	SOLID (2 yr.)
SDK / API and Integrations	Telegram API
Other Technical Skills	LEMP, MERN stack (MongoDB, Express, React, Node), Metamask SDK, Opencart 3

WORK EXPERIENCE

Full-stack Developer, Web Applications Development and Maintenance

Duration: February 2023 — March 2024
Summary: Developing and maintaining web applications with a focus on both front-end and back-end components, ensuring efficient data storage and retrieval, as well as optimizing performance and user experience.
Responsibilities: Developing front-end and back-end components, estimating tasks, code review, refactoring and optimizing applications, implementing various features and functionalities, and updating codebases.
Technologies: PHP, MySQL, Laravel, Git, Bitbucket.

Blockchain Solidity Developer, Blockchain Projects

Duration: August 2021 — January 2023
Summary: Developing blockchain solutions such as smart contracts, payment processor services, wallets, and blockchain explorers, in addition to setting up blockchain networks.
Responsibilities:

As a main engineer developed more than 10 Solidity Smart Contracts:

- Default ERC-20, ERC-721 Tokens (OpenZeppelin library);
- ERC-20 with fees, and unique rules of distribution and adding funds to liquidity pools;
- Staking pools, Time-based reward pools.

Projected and created Dapps for the smart contracts:

- Connection with different wallets, like Metamask, TrustWallet, e.g.;
- Storing user data in databases/blockchain;
- Executing smart-contract functions (approve, buy tokens, transfer, add liquidity into the pool, withdrawals, e.g);

- Created frontend, backend, API for Dapp using Laravel, Bootstrap 4/5, and paid themes from Themeforest.

Developed microservices and APIs for collecting and filtering blockchain logs (NodeJS+MongoDB) Created environments for all projects:

- Setting up servers – DigitalOcean, Hetzner Dedicated;
- Services – Cloudflare, QuickNode, Infura, Block.io, different APIs;
- Blockchain nodes – Ethereum, Ethereum Classic, Binance Smart Network, Bitcoin.

Developed bots for

- Telegram;
- Discord.

Projects:

- **Livenodes Token (LNOT)** – ERC-20 (Ethereum Chain) - https://twitter.com/LiveNodes;
- **XoXo Smart Contract** – BEP-20 (Binance Smart Network) - https://xoxobusd.com/ - Token, Staking Pool, distributing of funds between all of the stakers, funds go from exchange fees on Pancakeswap liquidity pool;
- **FriendsTree Smart Contract** – paid ladder entry filled with the next two users joining after you, making you earn and rejoin into ladder;
- **RewardDao Smart Contract** – Vote to Earn project, using snapshot feature, holding token you able to vote for the options provided by token founders – was created to invite people to other projects;
- **Web3 Smart Contract** – https://web3smc.net sponsor and referral-based system, on-chain distribution of funds between members based on their position in the matrix;
- **LegacyStake Token (LST)** and Smart Contract - https://legacystake.com/ for staking and Matrix distributing funds – different sponsor-referrals-based pools, and online casinos as use cases.

Technologies: Solidity, NodeJS, PHP, C++, JS, CSS DB: MongoDB, MySQL Env: Hardhat, Truffle, Remix, MERN, LAMP, LEMP, MERN Libraries: Ethers.js, Web3.js, Metamask SDK, WalletConnect DSK Blockchain: Ethereum, Ethereum Classic, BSC, Tron, Bitcoin.

Full-stack Developer, Freelance Full-stack Development

Duration: December 2013 — July 2021
Summary: Executed various freelance projects involving e-commerce solutions, web development platforms, search engines, and systems for product search and sales.
Responsibilities: Developing e-commerce sites, setting up WordPress sites, plugin development, theme creation, developing a rental search engine web application, and creating a system for auto parts search and sales.
Technologies: PHP, HTML & CSS, JavaScript, OpenCart 3, WordPress, Codeigniter 3.