

Vijay Wankhede

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Professional Title: Smart Contract Developer

Total experience: 4+ years

Brief Professional information

Full Stack Developer with experience in enterprise apps. I am known as an expert smart contract developer, and my key responsibilities include designing, implementing, and supporting DeFi applications. My key skills lie in designing blockchain architecture around a certain business model, and the building and launching of a blockchain network. Specialized in blockchain development, web applications and cloud deployments.

Skills & Respective experience

- Smart contract developer and integration developer at [VolmexLabs](#), [Degode](#)
- Developed various applications on Ethereum, and other EVM base chains, like POLYGON, Arbitrum, Optimism
- Worked on Typescript, different JavaScript frameworks (React, Angular, Node), and Python
- Developed several distributed applications and API integrations
- Worked out an in-house DLT / blockchain solution
- Developed and deployed several smart contracts for various organizations.
- Developed the middleware between frontend & blockchain ledger in NodeJS by exposing Restful APIs
- Translated product requirements to technical specification and then to software code
- Worked on Ethereum with Solidity and related tools (Hardhat, Geth, Subgraph, Remix, Alchemy, etc.)
- Developed smart contracts and deployed them to the Ethereum and EVM based blockchains
- Familiarity with ERC20, ERC721, ERC827, ERC777, ERC1155, ERC1538, ERC2535 and others.
- Developed a deep understanding of blockchain logic
- Familiarity with basic encryption techniques.
- Familiarity with DeFi protocols like Balancer, Uniswap, Compound, Binance and Perpetual protocol

Tech Stack

Programming Languages/Framework/Libraries	Node JS, Vanilla Js, Python, Typescript, Solidity, Docker, Bitcoin, Ethereum, Polygon, Optimism, Arbitrum, Ripple, Tether (USDT), Typescript, IPFS, React, Express, Web3, Subgraph, ethersJs
Development Tools	VScode, Github, JIRA, Gitlab, Bitbucket, Trello, MetaMask, Ganache, Postman, Swagger, Etherscan, Blockchain.info, Remix, Slack, Securify, Truffle, Gnosis, OpenZeppelin, Mocha, Chai, Slither, Tenderly, Hardhat, Defender
Operating System	Windows, Mac, Linux/Unix
RDBMS, Servers etc.	PostgreSQL, MongoDB, SQLite, CouchDB, LevelDB
Other Skills	Proficient communication skills, Team work, Team Management

Industries served

E-commerce, Health Care, Fantasy Sports, Supply Chain, DeFi, Governance, NFT, Gaming

Past Projects

VolmexLabs

Position: Smart Contract and Frontend Developer Role

- Created multiple smart contract solutions for Volmex including: Derivatives AMM, Governance Ecosystem, Perpetual Contracts and Vaults

Tools:

- Solidity, Remix, Slither, Hardhat, OpenZeppelin, Metamask, Etherscan, Tenderly, NodeJS, Subgraph, React

Details:

- Created upgradable contracts using OpenZeppelin Transparent proxies
- Developed AMM and Perpetual UI with contract integration using useDapp.
- Deployed solutions on Layer2's like: Polygon, Arbitrum and Optimism
- Developed complex DeFi solutions like a [derivatives based AMM](#), order book base Perpetual Future
- Developed subgraphs for [AMM](#) and [Perpetual](#).
- Public Github contributions at Volmex: <https://github.com/volmexfinance/volmex-amm>

Degode

Position: Web Solution Engineer / Various Roles:

- Responsible for frontend, backend, and smart contract development and deployment.

Tools:

- Python, Typescript, Angular, Web3Js, Web Sockets, Solidity, Truffle, Slither

Projects undertaken:

[Metallex \(fetch.ai\):](#)

Details:

- Using web3Js, interaction with smart contracts on EVM based chain
- Development of UI/UX of metallex
- Python scripts for webcrawling and scraping to generate customers, and record habits
- Contribution to design decisions and upgrade in architecture used to interact with smart contract and backend

PumaPay

Details:

- Developed Pumapay Coin (PMA), which is used to make subscriptions to various products
- Developed Liquidity Pool and provided efficient configuration for asset management
- Developed tools and solutions:
 - Business Console:
To create billing models, products, settlements and do refunds at merchant's end.
 - Buy Crypto:
A tool to purchase PMA (PumaPay cryptocurrency) using credit card, accepting currencies USD, EUR and GBP.
 - Admin Portal:
To keep track of all the purchases and transactions done by wallet users and merchants.
- Contribution to major UI/UX development using Angular (web framework)