ANAND K | Blockchain Engineer

Malappuram, Kerala, India

+91 9633330284 | anandk.vly@gmail.com | Skype Id: live:anandk.vly

LinkedIn: www.linkedin.com/in/anand-k-5856865a

SUMMARY

- As a seasoned **blockchain engineer and trainer**, I have extensive experience in developing and deploying **smart contracts** on various EVM chains, including Ethereum, Polygon, and Avalanche.
- I possess a strong proficiency in **Solidity** and have successfully executed numerous projects involving Dapp and blockchain development, including **DeFi** solutions, **crypto wallet** development, **NFT marketplaces**, and **ERC20**, **ERC721**, and **ERC1155** contract development.
- Currently, I am working as a **freelance Blockchain Engineer**, collaborating with multiple organizations to provide expert assistance in troubleshooting issues within their **EVM (Ethereum Virtual Machine)** based blockchain networks.
- My expertise also encompasses **Hyperledger Fabric** and Chaincode development, as well as integration with **Uniswap DEX**, **Osmosis DEX**, and EVM Bridge contracts.
- Additionally, I have developed **staking** and **vesting** contracts, implemented **yield farming** apps, and deployed **NFT marketplaces**.
- I am passionate about the blockchain industry and thrive in roles that allow me to contribute to its growth and advancement.
- Technically sophisticated, multifaceted, and innovative Software Professional offering a progressive experience of over **8 years** and **4.5 years** (in Blockchain) with proven domain expertise in **crypto wallet** development, **smart contract** development, **NFT marketplace** development and **DeFi** app creation.
- Trained more than 100 students and professionals in the chaincode development of Hyperledger Fabric and conducted Faculty Training programs for educational organizations.
- Experience in configuring, monitoring and mining Bitcoins using **Ant Miner S9** and **Whats Miners** connected to the **Slush Pool**
- Hands-on experience in implementing, customizing, deploying, and maintaining Odoo ERP applications, and Odoo modules on **Odoo8** and **Odoo10(Enterprise)**
- Experience in working with a **global team** and leading a **multicultural/cross-cultural team** to implement ERP applications for US-based companies.

SKILL SET

- Solidity Smart Contracts
- Crypto Wallets
- Training and Development
- NodeJS Backend
- Non Fungible Tokens (NFT)
- Yield Farming
- Chaincode Development
- Odoo (ERP framework)
- Decentralised Finance (DeFi)
- Hyperledger Fabric
- Cross-cultural Team Management
- Database Management

TECHNICAL SKILLS

Blockchain	Ethereum, Hyperledger Fabric, Bitcoin, Cosmos	**DeFi**	Osmosis, Uniswap
Programming	Typescript, Javascript, Python	**Issue & Project Tracking**	Jira, Crucible, and Confluence
Backend	Nodejs	**Testing**	Mocha, Chai, Sinon, Jest
Database	MongoDB, PostgreSQL and SQL Server	**DevOps**	Jenkins, AWS, Digital Ocean
Version Control	GitHub, Bit-Bucket, Gitlab	**Operating System**	Ubuntu, Windows

EDUCATION

- Post Graduate Certificate Course In Professional Development, CREST - 2015
- Bachelor of Technology in Computer Science and Engineering, CUSAT, Kerala - 2013
- Diploma in Computer Engineering, Technical Education Board, Kerala - 2010

LANGUAGE SKILLS

- Proficient in English

EXPERIENCE

Organization	Designation	Duration
Accubits Technologies Pvt Ltd.	Blockchain Engineer	November 2021 - April 2023
Kerala Blockchain Academy	Research and Development Engineer	December 2019 - November 2021
ONTASH India Technologies Pvt Ltd.	Senior Programmer	October 2018 – December 2019
	Junior Software Engineer	October 2016 – October 2018
Bogle Technologies, Startup Village	Co-founder & Software Engineer	May 2013 - April 2015

RESPONSIBILITIES

As a **Blockchain Engineer** at **Accubits Technologies Pvt Ltd.**
- I have been a crucial part of a team that implemented a **non-custodial mobile wallet** supporting 15+ cryptocurrencies and 10 ERC-20 tokens. As a blockchain engineer, I collaborated with frontend and backend developers to seamlessly integrate different cryptocurrencies. Additionally, I contributed to the development of features like **airdrops, token purchases, Uniswap Dex integration for ERC-20 token swaps, and an ATM card** enabling storage and spending of platform tokens.
- Designed and Developed various **ERC-721 and ERC-1155** compliant **smart contracts** for non-fungible tokens(**NFT**) and marketplaces, and deployed them on different EVM networks including **Ethereum, Binance, and Polygon.**
- Contributed to the implementation of **Staking contracts** that allow users to stake ERC-20 tokens for a period of time and earn rewards, and worked with both frontend and backend developers to ensure it works smoothly.
- I have collaborated with a **DeFi** project on **Cosmos blockchain**, and worked with frontend and backend developers, by providing guidance and expertise, to successfully implement a DeFi Dapp on **Osmosis Dex**. This Dapp empowers users to invest their cryptocurrencies in a curated selection of high-yield pools, ensuring optimal returns on their investments.
- Within an enterprise blockchain project utilizing Hyperledger Fabric, I undertook the responsibility of upgrading a Fabric 1.4 network to the Fabric 2.2 network, while ensuring the seamless transition without any impact on users, identities, or data.

As a **Research and Development Engineer** at **Kerala Blockchain Academy**
- Research and Prepare the study materials for the self-paced and instructor-led hyperledger fabric courses. Evaluate the student's projects and their performance.
- Provide chaincode development-related training to the learners and professionals.
- Design, implement and test the fabric chaincodes developed for various POCs and Projects.
- Contribute to the backend development of other projects of KBA.

As a **Senior Programmer** at **ONTASH India Technologies**
- Developing, maintained, and supported application programs using Odoo and related technologies.
- Researching Blockchain technologies such as smart contracts, ICOs and crypto assets.
- Developing technology demonstration projects using the Ethereum Smart Contract.
- Monitoring the performance of Bitcoin Miners connected to the SlushPool and configuring them

As **Co-founder** and **Software Engineer** at **Bogle Technologies**
- Draft and maintain business requirements and aligned them with functional and technical requirements
- Spearheaded a team of six people and Oversaw activities related to the development of various corporate websites
- Maintaining the websites and multimedia contents in the hosting server and Monitored the website traffic through Google analytics

PROJECTS HANDLED

Crypto Wallets	Project	**Bang - DBX Digital Ecosystem**
	Role	Blockchain Engineer
	Description	Integrated more than 15 cryptocurrencies and over 10 ERC20 tokens into the DBX wallet application. Furthermore, developed a robust staking smart contract and seamlessly integrated the widely-used Uniswap protocol for efficient exchange of ERC-20 tokens.
	Client	DBX Global Crypto Network Electronic Trade and Software UAB, Lithuania, [*dbxbang.com*]

NFT Marketplaces	Project	**Future Grail**
	Role	Technical Team Lead, Blockchain Engineer
	Description	Led a team of four front-end React developers, one Node.js backend developer, UI/UX designers, and a QA engineer to develop an NFT marketplace for a luxury watch museum and digitized their watches with an ERC-11155 smart contract.
	Client	Future Grail Pte. Ltd, Singapore, [*futuregrail.com*]
	Project	**AVIS NFT Marketplace**
	Role	Smart Contract Developer
	Description	Developed an NFT marketplace contract using the ERC-721 protocol on the Ethereum blockchain, and integrated the Transak crypto on-ramp to allow the purchase of NFTs using fiat currency.
	Client	Avis Global [*nft.avis.exchange*]
	Project	**MetaDee.io**
	Role	Blockchain Engineer
	Description	Integrated the Transak crypto on-ramp to allow the purchase of NFTs using fiat currency on Polygon network.
	Client	MetaDee Business Group Limited, India [*metadee.io*]

DeFi	Project	**CryptoFundsToday.com**
	Role	Blockchain Engineer
	Description	Conducted R&D on Cosmos and Osmosis DEX, and guided developers in implementing a yield farming DeFi app using Osmosis. Additionally, collaborated with frontend and backend developers to facilitate the implementation of the DApp and structure its flow.
	Client	CryptoFundsToday.com or CFT P.C., Greece [*cryptofundstoday.com*]
	Project	**FanFi**
	Role	Smart Contract Developer
	Description	Implemented smart contracts on the Avalanche blockchain to create platform tokens, stake contracts for investment on various tiers, and vesting contracts for systematic token release.
	Client	FanFI

Hyperledger Fabric	Project	**StandardC**
	Role	Blockchain Engineer
	Description	The production network was upgraded seamlessly from Fabric version 1.4 to Fabric version 2.2 while ensuring the integrity of data and identity. Furthermore, the setups were configured to produce the necessary artifacts and the components were dynamically upgraded to Fabric 2.2.
	Client	StandardC, Inc. USA
	Project	**Certified Hyperledger Fabric Developer Course**
	Role	Trainer and Chaincode Developer
	Description	This is a certificate course provided by Kerala blockchain Academy, which covers quick network setup to the chaincode and application development using hyperledger fabric blockchain. Trained over 100 professionals including engineers from NPCI