Ghulam Abbas Blockchain Engineer

✉ abbasibneakram@gmail.com 📞 +92 303 9097674 🐙 abbasibneakram 📍 Lahore, Pakistan

👤 PROFILE

As a Web3 Engineer specializing in backend development, I bring **4** years of hands-on experience in architecting and implementing decentralized applications(dApps) and robust backend systems.
My expertise spans Solidity for smart contract development, along with proficiency in Javascript for building scalable backend solutions in NodeJS.
Throughout my career, I've had the opportunity to work with startups and mid-sized firms, contributing to leading teams of junior engineers to successful project deliveries. Aspiring to combine broad background with strong technical skills and excellent interpersonal and communication skills.

🧠 SKILLS

Blockchain
Solidity, EVM Smart Contracts, DeFi, DeX, CeX, Governance/DAO, Cross-Chain Bridges, Chainlink Oracles (Upkeeps, Price Feed), Merkle Tree, ECDSA, etherJS, web3JS, NFTs, Escrows, Marketplaces, Staking, Vesting, NFT Based points and reward attribution, Blockchain JSON-RPC , Cryptographic Algorithms (SHA256, Keccak256), ERC-20,721,721A,1155, 2981, Wallets Development and Integration

Backend
Javscript, Typescript, Python, NodeJS, ExpressJS, Web-Sockets, MongoDB, MySQL

Tools and Technologies
Remix, Hardhat, Truffle, Slither, Git, Github, Jira, Clickup

💼 PROFESSIONAL EXPERIENCE

Web3 Engineer   Oct 2022 – present
Greelance ⬀   Georgia (Remote), United States

- Provided strategic guidance on blockchain implementation for Greelance, a leading online freelancing marketplace.
- Created custom ERC20 tokens, ICO, GRL Vesting, Team Vesting, and staking smart contracts, as well as Price Guarantee staking contracts for Greelance.
- Implemented Chainlink oracles within smart contracts to obtain live price feeds of various cryptocurrencies.
- Developed backend APIs to facilitate the implementation of smart contract functionalities on the frontend.
- Integrated Metamask, Coinbase, WalletConnect, and used WAGMI React hooks to enable interaction between contracts and the frontend.
- Compiled, tested, and deployed protocol smart contracts using Remix and Hardhat environments.

- Worked closely with cross-functional teams, including designers, frontend developers, QA engineers, and project managers, to define project requirements, prioritize tasks, and deliver high-quality blockchain solutions.

Blockchain Engineer
Devsinc ↗

May 2021 – Sep 2022
Lahore (Hybrid), Pakistan

- Developed and launched Memory Gardens, an NFT marketplace on the Polygon network, including creating smart contracts for NFTs, managing metadata, and ensuring token standards compliance.
- Built decentralized finance (DeFi) solutions, such as decentralized exchanges (DEXs), liquidity pools, and LP staking.
- Created backend APIs and services using NodeJS to interact with smart contracts on blockchain networks, ensuring secure and efficient communication between frontend apps and the blockchain.
- Implemented ERC-2981 royalty standards for various NFT collections, ensuring creators receive royalties.
- Integrated Web3 libraries like Web3.js and ethers.js into frontend apps to enable blockchain interactions, including wallet management, transaction signing, and contract interaction.
- Collaborated closely with cross-functional teams, including designers, frontend developers, QA engineers, and project managers, to define project requirements, prioritize tasks, and deliver high-quality blockchain solutions.

Associate Blockchain Developer
Purelogics ↗

Apr 2020 – May 2021 | Lahore, Pakistan

- Developed decentralized applications (DApps) leveraging smart contracts and blockchain technology.
- Developed couple of ERC20 standard tokens, Staking Plans, Referral System and Custom swapping contracts.
- Implemented tokenization solutions for digital assets, including cryptocurrencies, non-fungible tokens (NFTs), and tokenized securities, adhering to industry standards and regulatory requirements.
- Integrated smart contracts and blockchain technology with existing systems and applications ensuring seamless interoperability and data synchronization between on-chain and off-chain environments.
- Performed thorough testing and debugging of smart contracts and DApps to ensure reliability,robustness, and compliance with project requirements and specifications.

🎓 EDUCATION

Bachelors in Information Technology
Punjab University College of Information Technology ↗

2016 – 2020 | Lahore, Pakistan

📑 CERTIFICATES

Blockchain Certification for Solidity Developer (Mangtas)
Issued: Feb 2023
Credential ID: 2077501

🌐 LANGUAGES

English
C2

Urdu
C1