



Rabeeb Aqduş Jilani

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ABOUT ME

I am a goal-oriented professional with over 3 years of experience in blockchain development, smart contract engineering, and full-stack development. I specialize in creating decentralized applications (dApps) using Solidity, Rust, and Ethereum technologies, and have strong expertise in testing frameworks like Hardhat and Foundry. In addition, I have experience in smart contract auditing, ensuring the security and functionality of contracts. I've also built and optimized backend systems with Node.js and MongoDB, excelling in both frontend and backend development. I am driven by continuous learning, solving complex problems, and contributing to innovative projects in the blockchain and Web3 space.

WORK EXPERIENCE

Smart Contract Engineer

Decrypted Labs [01/05/2023 – Current]

City: Karachi | Country: Pakistan | Website: <https://decryptedlabs.io/>

- Develop highly optimized EVM-compatible and Rust-based smart contracts for blockchain applications, ensuring high performance and scalability.
- Write secure and efficient Solidity and Rust code, ensuring robust and reliable execution of smart contracts.
- Architect smart contract frameworks tailored for Web3 decentralized applications (dApps), enhancing functionality and usability.
- Research to implement new design patterns, methodologies, and best practices for Ethereum and Solana dApps, staying current with industry advancements.
- Perform comprehensive automated and manual audits of blockchain smart contracts, focusing on gas optimization, prevention of reentrancy attacks, and applying formal verification techniques to ensure contract security.
- Develop and integrate Web3 APIs using TypeScript, enabling seamless interaction with blockchain networks and enhancing the dApp ecosystem.

Blockchain Developer

Pluton Ltd [01/09/2022 – 30/04/2023]

City: Karachi | Country: Pakistan

- Designed and implemented 10+ secure and reliable decentralized applications (dApps) using Solidity, contributing to enhanced blockchain solutions.
- Test-driven development (TDD) with Hardhat was used to ensure high-quality, bug-free smart contracts and code.
- Integrated Solidity smart contracts with frontend and backend systems through Web3.js and Ethers.js for seamless decentralized interactions.
- Contributed to the development of a DeFi protocol with over \$10 million worth of tokens locked, enhancing protocol reliability and security.
- Worked with leading DeFi protocols, including Uniswap V3, Pancakeswap V2, and Aave, optimizing decentralized finance operations.
- Implemented the latest advancements in smart contract design patterns, ensuring high-performance and secure blockchain applications.
- Conducted extensive research and development (R&D) on emerging design patterns and best practices for Solidity smart contracts.

Frontend Developer

IT Panda [01/02/2022 – 30/04/2022]

City: Karachi | Country: Pakistan

- Contributed to developing and maintaining React-based web applications, ensuring responsive and efficient user interfaces.
- Collaborated with cross-functional teams to implement UI/UX designs and optimize front-end performance.
- Conducted comprehensive testing of web applications, leveraging Cypress for automated testing to ensure high-quality software delivery and maintainable code.
- Debugged and troubleshooted issues across different browsers and devices, ensuring cross-platform compatibility.
- Gained experience with version control systems (e.g., Git) and Agile development practices.

EDUCATION AND TRAINING

Blockchain Development

Institute of Emerging Careers [01/09/2022 – 27/01/2023]

City: Karachi | Country: Pakistan | Website: <https://iec.org.pk/>

Blockchain Development

Xord [01/02/2022 – 31/05/2022]

City: Karachi | Country: Pakistan | Website: <https://xord.com/>

Frontend Development

Interns Pakistan [01/09/2021 – 30/09/2021]

City: Karachi | Country: Pakistan | Website: <https://interns.pk/>

Bachelors of Science (Software Engineering)

University of Karachi [01/01/2019 – 31/12/2022]

City: Karachi | Country: Pakistan | Website: <https://www.uok.edu.pk/>

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING C1 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office (Outlook, Excel, Word, PowerPoint) / MERN Stack (MongoDB, ExpressJS, ReactJS, NodeJS) / GIT version control, Linux Command / Smart Contract Development (Ethereum & Solana)

PROJECTS

NFsTay

Nfstay is a decentralized platform designed to enable users to invest in real-world assets (RWAs), such as high-yield properties. The platform allows users to become co-owners of properties and participate in key decision-making through a democratic voting system, ensuring active involvement in property management and operations.

Key features of the platform include:

- **Investment in High Yield Properties:** Users can invest in carefully selected properties that promise strong returns, with full control over key decisions.
- **Active Participation:** Co-owners have a voice in all major matters related to properties, from tenant approvals to daily operations, through a transparent voting process.
- **Transparency and Accountability:** All management companies, accountants, and third parties involved are vetted by the co-owners to ensure transparent and trustworthy operations.

- **Profitability Distribution:** The platform automates monthly income distribution from rental profits to co-owners, ensuring seamless profitability sharing.
- **Strategic Asset Appreciation:** Properties are chosen based on their potential for long-term capital gains, providing co-owners with assets that are expected to appreciate over time.

This platform bridges the gap between traditional real estate investment and blockchain technology, making property investment more accessible, transparent, and collaborative.

Link: <https://nfstay.com/>

IAMDIVINITY

IAMDIVINITY is a blockchain-powered decentralized application (DApp) built to revolutionize the Multi-Level Marketing (MLM) system by integrating spiritual and lifestyle learning with a rewards-driven referral model. The platform allows users to purchase exclusive courses on personal growth and spirituality, refer others to join and earn bonuses and rewards based on their network growth.

Key features of the platform include:

- **Blockchain Integration:** Ensures transparency, security, and trust in all transactions, eliminating intermediaries and allowing for seamless peer-to-peer interactions.
- **Smart Contract-Based Rewards System:** Rewards participants fairly based on their network's growth, ensuring accurate distribution of bonuses through automated smart contracts.
- **Decentralized Architecture:** Offers secure tracking of user data and transactions, fostering a trustless environment for digital learning and rewards.
- **Admin Transparency:** Provides administrators with a real-time, transparent view of the MLM tree, ensuring efficient reward validation and distribution across all levels.

IAMDIVINITY combines blockchain technology with a modern MLM model, providing a streamlined, efficient, and fully transparent ecosystem for personal development and referral-based rewards.

Link: <https://iamdivinity.io/>

Crypto on Discount

COD is a decentralized platform designed to enhance cryptocurrency investments by offering high-yield staking options and exclusive discounts. Users can stake their USDC (BEP-20) tokens for attractive returns, alongside a unique opportunity to list and promote their crypto assets, gaining visibility and attracting more users. COD creates a steady revenue stream for its participants by leveraging automated trading, bots, and Uniswap validator rewards.

Key features of the platform include:

- **High-Yield Staking:** Users can stake their assets for significant returns, allowing their investments to grow through high-yield earnings.
- **Revenue Sharing:** Users earn a share of profits from the platform's trading activities and validator rewards, further enhancing their revenue.
- **Exclusive Discounts:** Regular discounts on cryptocurrency purchases, maximizing the value of each investment.
- **Crypto Listing & Visibility:** Users can list their cryptocurrency on the platform to boost visibility, attract more users, and increase reach and potential.
- **Early Bird Special:** New users can benefit from special discounts, such as 50% off on their first staking package.

COD offers a secure, decentralized, and transparent platform that empowers cryptocurrency holders to maximize their returns and visibility while engaging in a high-growth investment ecosystem.

Link: <https://cryptoondiscount.com/>

Degen Forest

Degen Forest is a decentralized Web3 platform designed to empower users by providing cutting-edge infrastructure and services. The platform features the **Degen Wallet**, a comprehensive solution that integrates DeFi, NFTs, staking, yield farming, and other functionalities. It is available on **Android** and **iOS** for seamless access across devices. The wallet ensures users can manage their crypto assets, stake tokens, and interact with the ecosystem in a simple and secure manner.

Key features of the platform include:

- **Degen Wallet:** A secure, all-in-one crypto wallet available on Android and iOS, enabling users to manage DeFi assets, engage in NFT transactions, yield farming, and stake their tokens. The wallet offers a streamlined user experience, eliminating the need for multiple platforms and ensuring easy access to all crypto-related needs.

- **DAO Governance:** Degen Forest operates with a decentralized autonomous organization (DAO), allowing users to actively participate in the decision-making process of the platform. Key governance features include:
 - **Voting on Proposals:** Moola Token holders can submit and vote on proposals that influence the future of the ecosystem, such as changes to fees, new features, or protocol upgrades.
 - **Staking & Rewards:** DAO participants can stake Moola Tokens to gain voting power and receive rewards based on their participation.
 - **Community-Driven Development:** The DAO allows users to have a direct impact on the development of new features, promoting a truly decentralized and user-driven platform.
- **Revenue Generation:** The platform generates revenue through services like Swaps, NFT Listings, DeFi Loans, Yield Farming, and more, with a nominal fee of 0.69%. A significant portion of the revenue is directed towards purchasing and burning Moola Tokens, which enhances their scarcity and value.
- **Moola Token Utility:** Moola Tokens act as the platform's native utility token, rewarding users for transactions, staking, and participation in beta testing. Token holders receive discounts on services, early access to features, and exclusive benefits within the ecosystem.
- **Burn Mechanism:** To further increase token scarcity and value, Moola Tokens are periodically burned, reducing the total supply and potentially driving demand and price appreciation.

Degen Forest's innovative use of the Degen Wallet and DAO governance model provides a seamless and rewarding experience for users. It positions itself as a leader in the Web3 space, offering a platform where users can securely manage their assets, participate in governance, and earn rewards through their active engagement in the ecosystem.

Link: <https://degenforest.com/>

BTC PROXY

BTC PROXY is a multi-institutional protocol that enables the decentralized tokenization of Bitcoin onto Ethereum, Polygon, and BNB Networks. As a permissionless Bitcoin bridge, BTC PROXY provides access to a suite of DeFi products, allowing users to mint **BTCpx** tokens, bridge Bitcoin across different networks, and engage in permissionless redemptions.

Key features of the protocol include:

- **Bitcoin Farming:** PRXY token holders can farm ecosystem Bitcoin fees, providing users with exposure to Bitcoin rewards. More staked PRXY tokens yield higher APY tiers for earning BTC, with rewards claimable per block in BTCpx.
- **Compound Staking:** Users can stake PRXY tokens in a compound staking mechanism, increasing holdings via Rebase. This staking model offers collateralized token **sPRXY** which grows after each rebase, expanding the user's asset base.
- **Bonding:** Users can bond assets within the protocol to exchange them for discounted PRXY tokens, boosting the Treasury and enhancing ecosystem liquidity and stability. This process also includes short 5-day vesting periods to support market efficiency.
- **Interest Bearing Products:** BTC PROXY offers a suite of interest-bearing products for Bitcoin holders, enabling them to earn rewards and passive income on their holdings.
- **NFT Keys and Vaults:** For yield optimization, users can take advantage of NFT keys and vaults to enhance their earnings.

BTC PROXY is revolutionizing Bitcoin tokenization and DeFi with its cross-network bridging, staking, farming, and lending solutions, positioning itself as a leader in the decentralized finance space for Bitcoin holders.

Link: <https://btcproxy.io/>

HOBBIES AND INTERESTS

Blog Reading

I love reading tech blogs to stay up-to-date with the latest trends, innovations, and developments in the tech world, fueling my curiosity and expanding my knowledge.

Cricket

I enjoy playing cricket, a sport that combines strategy, teamwork, and skill, keeping me active and engaged.

Video Games

I also enjoy video games, which allow me to unwind and explore creative virtual worlds while challenging my reflexes and problem-solving skills.