Muhammad Talha

Software Engineer | Blockchain Developer
4+ Years of Experience

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Professional Summary

Software Engineer having 4 plus years of overall experience Solidity, Go lang, Web3.js, Ether.js, truffle, ganache, remix, Ethereum, Smart contract development, Wallet Integrations,ERC-tokens, Blockchain Development, JavaScript + ES6, HTML+, CSS, Git.Solid Experience in Agile Methodology including different estimation techniques, managing sprint backlog, sprint planning, and retrospective meetings to improve delivery. Collaboration and coordination with higher management for demos, functionalities, challenges, and development updates. Having good verbal and written communication skills. Excellent team collaboration and coordination.

Technical Skills

Skill	Rating	Skill	Rating
Solidity	★★★★★	Hardhat	★★★★
Go lang	★★★★	Truffle	★★★★
JavaScript	★★★	Ganache	★★★★
Web3.js	★★★★	Foundry	★★★★
Ether.js	★★★★	Slither	★★★★

Projects

1. Battle Stakes

Aspect	Details
Description	The Battle Stakes Ecosystem is an innovative DeFi protocol that is designed to be a hybrid of a staking protocol and a play-to-earn project. The protocol enables users to earn rewards in 3 different ways. This will include payouts in stable coins($BUSD), rewards in a native coin to the protocol $GEN, and $ARENA - a token designed to increase in value as the battle stakes network grows. The treasury and the liquidity pool will be backed by a never before used. The system has been used in beta/paper testing mode for the last 28 months(since 4/2020). The results produced were beyond extraordinary. Further testing in bear market scenarios of 2021 and 2022 confirmed the results and strengthened the machine learning database. It was decided in the summer of 2022 to give indirect access to this trading system via an interactive interface now known as Battle Stakes. The trading system will not work if funds are moved in and out of the pool, therefore a reward system that incentivizes long term hold had to be implemented. Early penalty withdraw mechanisms were added as well. This all became known as the Battle Stakes Ecosystem. The yields that are paid out to players were compiled based on the impressive test results over more than 2 years in every possible market scenario.

	Battle Stake Community is an innovative platform designed to bring together gaming enthusiasts and blockchain technology. It provides a unique space for users to engage in gaming tournaments, connect with a vibrant community, and explore opportunities in the gaming ecosystem powered by blockchain.
Tools	React.js, Node.js, Express.js, MongoDB, Web3.js, Solidity, Hardhat, Slither
Role	- Developed and audited smart contracts. - Integrated smart contracts with Web3.js for seamless DApp functionality. - Conducted testing and security audits using Slither.
URL	https://stake-game-dapp.invo.zone/

2. Drip Marble (The Warriors DAO)

Aspect	Details
Description	It is a decentralized platform that empowers a community of warriors, innovators, and enthusiasts through blockchain technology. It leverages the principles of decentralized governance to create a collaborative ecosystem for sharing ideas, resources, and opportunities Key Features: Community-Driven Governance: Enables members to vote on proposals and decisions, ensuring a transparent and democratic approach. Blockchain Integration: Utilizes smart contracts for secure transactions and management of resources. Exclusive Membership Benefits: Access to unique opportunities, events, and tools designed to foster growth and collaboration. Global Connectivity: Brings together like-minded individuals from around the world to create a unified, impactful network.

	TheWarriorsDAO.com is perfect for visionaries and leaders who seek to shape the future through collective action and the power of decentralized systems.
Tools	React.js, Node.js, Express.js, MongoDB, Web3.js, Solidity, Hardhat, Slither
Role	- Developed and tested smart contracts. - Integrated smart contracts with Web3.js for frontend interaction. - Conducted security audits using Slither.
URL	https://thewarriorsdao.com/

3. IncomPRight Inc.

Aspect	Details
Description	IncomPRight Inc. is an advanced platform focused on revolutionizing intellectual property (IP) management and rights protection through cutting-edge blockchain technology. It offers creators, businesses, and legal professionals tools to securely register, manage, and monitor intellectual property assets with unparalleled transparency and security. **Key Features:** ● IP Registration: Streamlines the process of registering intellectual property on a blockchain-secured platform. ● Ownership Verification: Ensures proof of ownership and authenticity for creative works and innovations. ● Real-Time Monitoring: Tracks unauthorized usage and infringement across digital platforms. ● Smart Contracts: Automates licensing and royalties for seamless rights management. ● Global Accessibility: Connects creators and businesses worldwide for collaborative opportunities. ● IncomPRight Inc. is ideal for creators, innovators, and organizations looking to safeguard their intellectual property while embracing the efficiency of blockchain technology.

Tools	React.js, Node.js, Express.js, MongoDB, Ether.js, Solidity, Hardhat, Slither
Role	- Developed and audited smart contracts. - Integrated smart contracts with Ether.js for secure transactions. - Conducted testing and security audits using Slither.
URL	https://incomprightinc.io

4. InvoStash

Aspect	Details
Description	Invostash is a smart investment management platform designed to empower users with tools to efficiently manage and grow their wealth. By combining intuitive features with advanced financial insights, Invostash simplifies investment tracking, portfolio optimization, and decision-making for individuals and businesses. **Key Features:** ● Portfolio Management: Organize and monitor all your investments in one place. ● Real-Time Analytics: Gain actionable insights with up-to-date market data and trends. ● Goal Setting: Set financial goals and track progress towards achieving them. ● Customizable Alerts: Receive notifications for portfolio changes, market updates, and opportunities. ● User-Friendly Interface: Enjoy a seamless experience with a clean, intuitive design. ● Invostash is perfect for investors seeking an accessible and reliable platform to manage their assets and achieve financial success.

Tools	React.js, Node.js, Express.js, MongoDB, Web3.js, Solidity, Hardhat, Slither
Role	- Developed and tested smart contracts. - Integrated smart contracts with Web3.js for seamless user interaction. - Conducted security audits using Slither.
URL	https://github.com/InvoZone/InvoStash

5. Perfect solutions

Aspect	Details
Description	Fifth Origins is a lifestyle brand committed to sustainability and empowering artisans globally. It offers a curated collection of ethically crafted products that combine traditional craftsmanship with contemporary designs, fostering a deep connection between people and the planet. **Key Features:** ● Ethical Sourcing: Products are handcrafted by artisans using sustainable materials. ● Eco-Friendly Practices: Focuses on reducing environmental impact through responsible production. ● Unique Designs: Combines timeless traditions with modern aesthetics. ● Artisan Empowerment: Supports local communities by providing fair wages and preserving craftsmanship. ● Diverse Collection: Includes home decor, fashion accessories, and wellness products. ● Fifth Origins is perfect for individuals seeking meaningful, sustainable, and beautifully crafted products that reflect their values
Tools	React.js, Node.js, Express.js, MongoDB, Web3.js, Solidity, Hardhat, Slither

Role	- Developed and audited smart contracts. - Integrated smart contracts with Web3.js for secure transactions. - Conducted testing and security audits using Slither.
URL	https://wagers-world.invo.zone/

6. Stake game DApp

Aspect	Details
Description	This application based on the staking contract. StableStakes Finance is an innovative decentralized finance (DeFi) platform designed to simplify staking and yield generation. It offers users a secure and efficient way to stake stablecoins and earn consistent returns. By leveraging blockchain technology, StableStakes Finance ensures transparency, flexibility, and accessibility for its users. **Key Features:** ● Stablecoin Staking: Stake stablecoins to earn reliable, risk-adjusted yields. ● Yield Optimization: Utilizes advanced algorithms to maximize returns on investments. ● Decentralized Governance: Empowers users to participate in decision-making processes. ● Secure Platform: Implements robust security protocols to safeguard user assets. ● User-Friendly Interface: Provides an intuitive and seamless experience for DeFi enthusiasts. ● StableStakes Finance is perfect for individuals seeking stable and predictable returns within the dynamic world of decentralized finance.
Tools	React.js, Node.js, Express.js, MongoDB, Web3.js, Solidity, Hardhat, Slither

Role	- Developed and audited smart contracts. - Integrated smart contracts with Web3.js for secure transactions. - Conducted testing and security audits using Slither.
URL	https://wagers-world.invo.zone/

7. Mints Club

Aspect	Details
Description	An NFT marketplace supporting EVM, Solana, and Algorand blockchains for minting, buying, selling, and trading digital assets. The platform ensures secure transactions with smart contract integration.
Tools	React.js, Node.js, Express.js, MongoDB, Web3.js, Solidity, Hardhat, Slither
Role	- Developed and audited smart contracts. - Integrated smart contracts with Web3.js for secure transactions. - Conducted testing and security audits using Slither.
URL	https://wagers-world.invo.zone/

8. UNITY-META

Aspect	Details
Description	Meta unity as KGC Token presents Defi, NFT, Gaming, Crypto, Expo, Crypto Webinars and utility payment services, all in one place with KGC Token economy.It is a next-generation Staking and Rewards Platform that combines staking with an engaging ranking and levelling system. Users not only earn passive income based on their stake amount but also progress through levels to unlock exclusive rewards and gifts, making the staking experience both rewarding and gamified.KGC World is an innovative platform designed to connect global communities through advanced digital solutions and services. It provides users with tools to engage in

| | collaborative initiatives, explore business opportunities, and access tailored resources for personal and professional growth.

Key Features:

- Community Building: Foster connections and engage with a diverse global network.
- Business Opportunities: Discover and participate in projects and ventures across various industries.
- Resource Hub: Access a wide range of tools, materials, and guidance for growth and success.
- Digital Collaboration: Simplify teamwork with cutting-edge digital tools and communication channels.
- User-Centric Design: Ensures an intuitive and enjoyable experience for users.

KGC World is ideal for individuals and organisations seeking to expand their horizons and collaborate on a global scale. |
|---|---|
| **Tools** | React.js, Node.js, Express.js, MongoDB, Web3.js, Solidity, Hardhat, Slither |
| **Role** | - Developed and audited smart contracts.
- Integrated smart contracts with Web3.js for secure transactions.
- Conducted testing and security audits using Slither. |
| **URL** | https://wagers-world.invo.zone/ |

9. Wagers World

Aspect	Details
Description	Wagers World is an EVM-based prediction market platform where users can trade shares on future outcomes. Built on Ethereum-compatible blockchains, it ensures transparency, decentralization, and security. Participants can stake wagers, predict real-world events, and earn rewards seamlessly.Combining gaming, social interaction, and blockchain rewards, Wagers World offers an immersive and secure environment for prediction enthusiasts. Dive in and turn your insights into profits!
Tools	React.js, Node.js, Express.js, MongoDB, Ether.js, Solidity, Hardhat, Slither
Role	- Developed and tested smart contracts. - Integrated smart contracts with Ether.js for secure transactions. - Conducted security audits using Slither.
URL	https://wagers-world.invo.zone/

10. DRB Saudi-NFT Club

Aspect	Details
Description	DRB Saudi-NFT Club is a multiplayer metaverse game that allows the users to access different shopping stores, make interactions, and visit Saudi sites. The metaverse game virtualizes famous cities in Saudi Arabia such as AlUla, Al-Balad, and Aldammam where players can visit stores, do shopping, purchase NFTs, and travel in a caravan bus. It also features a socialising environment where users can interact with each other through chat
Tools	React.js, Node.js, Express.js, MongoDB, Ether.js, Solidity, Firebase, Slither, Truffle

Role	- Developed and audited smart contracts. - Integrated smart contracts with Ether.js for seamless user interaction. - Conducted testing and security audits using Slither.
URL	https://drbksa.com/

11. IFERS

Aspect	Details
Description	CharityNFT is a premier marketplace for NFTs and crypto collectibles, designed to support nonprofit community engagement. Users can create, buy, sell, auction, and donate NFTs, with proceeds supporting charitable causes globally. The platform ensures transparency and accountability through blockchain technology. **Key Features:** ● NFT Creation and Sales: Create unique digital assets to raise funds for charitable initiatives. ● Transparent Donations: Track funds and ensure accountability through blockchain technology. ● Global Outreach: Connect donors with causes worldwide to maximise impact. ● Community Engagement: Build a supportive network of donors, artists, and organizations. ● Secure Transactions: Utilize blockchain for secure and seamless payment processing.
Tools	React.js, Node.js, Express.js, MongoDB, Ether.js, Solidity, Hardhat, Slither

Role	- Developed and tested smart contracts. - Integrated smart contracts with Ether.js for secure transactions. - Conducted security audits using Slither.
URL	https://wagers-world.invo.zone/

Education

Degree	Institution
Bachelor of Science in Computer Science (BSCS)	The University of Lahore, Lahore

Key Achievements

Achievement

- Successfully delivered **10+ blockchain-based projects** with a focus on smart contracts and DApp integration.

- Improved smart contract security by implementing **Slither** for auditing and testing.

- Collaborated with cross-functional teams to deliver projects on time and within budget.