

ZUHAIB MOHAMMED

Blockchain Developer | Blockchain Security | Solidity | Rust | Blogger

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Cover Letter

To Hiring Manager,

I am writing to express my interest in the Smart Contract Developer / Blockchain Security role at your organization. As an Independent Smart Contract Developer and Security Researcher, I have worked across both the EVM and Solana ecosystems, contributing to over **60 development and audit engagements** spanning **DeFi, DAOs, liquid staking, cross-chain systems, and Web3 gaming protocols**.

On the EVM side, I design and audit Solidity-based systems including ERC standards, **ERC-4626** vaults, upgradeable proxy architectures, signature-based authorization flows (**EIP-712**), and complex DeFi accounting logic. I regularly perform high-coverage testing using Foundry, including unit, fuzz, and invariant testing, ensuring contracts are secure and production-ready. On Solana, I build and review **Rust/Anchor** based programs, with hands-on experience in **PDA design, CPI security, SPL token integrations, signer validation patterns, and compute optimization** within the Sealevel runtime model.

Beyond development, I bring a strong offensive security mindset shaped by my background in vulnerability research and protocol auditing. I conduct architecture reviews, threat modeling, exploit reproduction, and remediation validation to ensure systems are secure by design. I also actively publish technical research on EVM and Solana security patterns, contributing to the broader blockchain security community.

Likewise, I am drawn to opportunities where I can contribute to building scalable, secure, and well-architected decentralized systems across ecosystems. I would welcome the opportunity to bring my cross-chain experience and security-first approach to your team.

Thank you for your time and consideration.

Sincerely,

Zuhaib Mohammed