T R ZUHAIB MOHAMMED

Smart Contract Developer | Smart Contract Security | Blogger

mdzuhaib444@gmail.com • linktr.ee/zuhaib44 • Bangalore, India

Summary

An Independent **Smart Contract Developer/Security Researcher** with 2+ years of experience in web3 domain and a portfolio of 60+ codebases. Expertise in ERC20, ERC721, ERC1155, ERC4626, Web3 Gaming, Perpetual DEXes, AMMs, DAOs, Launchpads, Lending/Borrowing, Staking Contracts, Cross-Chain Bridges, and Liquid Staking Platforms.

My journey began into the world of Information Technology with a Bachelor's Degree in Computer Science and Engineering, which laid the foundation for my career. I accumulated nearly four years of experience as a Software Developer, primarily focusing on Backend development, before transitioning into a role as a Web2 Security Engineer for two years. I am also a Certified Ethical Hacker (CEHv10) and an eLearnSecurity Junior Penetration Tester (eJPT).

Skills

Solidity · Rust · JavaScript · C# · EVM · Blockchain · DeFi · Foundry · Slither · OpenZeppelin · EVM · Remix IDE · Hardhat · Ethers.js · Git · Layer 2 · Ethereum · Polygon · Cryptography · Web3 · DApps · Cross Chain · Uniswap · Cursor · Claude · ChatGPT

Experience

Smart Contract Developer/Security Researcher — 01/2023 - Present

A leading provider of secure and efficient blockchain solutions, specializing in smart contract development and auditing.

- Worked with top security firms like **Secure3, AuditOne and 33Audits** etc., for in-depth Smart Contract Developemnt and Security Reviews, contributing to enhanced security.
- Developed and audited smart contracts across diverse themes, including DEXes, Cross-Chain Payments, Web3 Gaming, Staking protocols, NFTs, and more, showcasing a versatile skill set in blockchain technology.
- Completed a **Uniswap v4 Bootcamp** alongside Atrium Academy and the Uniswap Foundation, focusing on building Uniswap Hooks.
- Pursuing a Smart Contract Development Certification in collaboration with **IIT Kanpur**.
- Completed specialized bootcamps in smart contract development and security through reputable institutions like Encode Club, QuillAudits, YAcademy, 0xMacro, further solidifying knowledge and skills in blockchain security.
- Authored a Web3-focused **Medium blog** that attracts nearly 1k reads per month, with a growing audience of 350 followers.
- Actively contributed to well-known GitHub repositories such as **SunWeb3Sec/DeFiHackLabs** and **DeFiVulnLabs**, playing a key role in the blockchain security community.

Qualys Security TechServices Private Limited — Pune, India
Security Signature Engineer

The leading provider of information security and compliance cloud solutions.

- Conducted research on the latest vulnerabilities, including **Proof of Concept (PoC) development and exploitation** in lab environments.
- Developed vulnerability signatures across a range of products, including VMware, JIRA, Adobe, and Microsoft.
- Provided support and resolved queries for customers such as Apple and Amazon.

Honeywell Technology Solutions — Bangalore, India
Software Engineer

Pioneer in automation control so we understand industrial facilities and how to create high-quality and high-performance chemicals and materials.

- Implemented a Python script that saved approximately 10 hours of manual effort by extracting data on DLP agents across the network.
- Developed and integrated features via backend and frontend code, along with corresponding unit test cases.
- Created and tested **REST APIs**, ensuring **CRUD** operations and authorization checks using Postman.
- Tested web applications for **OWASP Top 10** vulnerabilities, including SQLi, CSRF, XSS, and IDOR, and provided appropriate fixes.

Education

Ramaiah Institute Of Technology — Bangalore, India
B.Tech (Computer Science)