ZUHAIB MOHAMMED

Smart Contract Developer | Smart Contract Security | Blogger

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Summary

I'm an Independent Smart Contract Developer & Security Researcher with hands-on experience across 60+ codebases (Development & Security). My expertise spans across the entire Web3 ecosystem — from ERC standards to DeFi, DAOs, LSTs, and Gaming.

I specialize in writing secure-by-design smart contracts and performing end-to-end protocol audits.

Skills

Solidity · Rust · JavaScript · EVM · Blockchain · DeFi · Foundry · Fuzzing · Cursor · ChatGPT · Claude · Open Zeppelin · EVM · Remix IDE · Hardhat · Ethers.js · Git · Layer 2 · Ethereum · Polygon · Cryptography · Web3 · DApps · Cross Chain · Uniswap · Chainlink · IPFS · Aave · Metamask · DAOs

Problem Solving · Analytical Thinking · Attention to Detail · Communication · Collaboration

Experience

Independent Contractor
Smart Contract Developer / Security Auditor

Remote
01/2023 - Present

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

- Worked on development projects with **33Audits** and **Inverter Network**, focusing on **cross-chain payments**, **funding mechanisms**, and **lending/borrowing** platforms.
- Collaborated with leading security firms such as **Secure3** and **Audit One** to conduct in-depth **smart contract security reviews**, enhancing the robustness of multiple blockchain projects.
- Developed and audited smart contracts across diverse themes, including **DEX, OTC platforms, Staking protocols, NFTs**, and more, showcasing a versatile skill set in blockchain technology.
- Actively contributed to well-known GitHub repositories such as SunWeb3Sec/DeFiHackLabs and DeFiVulnLabs, playing a key role in the blockchain security community.
- Authored a Web3-focused Medium blog that attracts nearly 1k reads per month, with a growing audience of 350 followers.
- Completed specialized bootcamps in smart contract development and security through reputable institutions like **Encode Club, Quill Audits, YAcademy, 0xMacro,** and **Atrium Academy**, further solidifying knowledge and skills in blockchain security.

Qualys Security TechServices Private Limited
Security Signature Engineer

Pune, India
08/2021 - 04/2023

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
Software Engineer

Bangalore, India
01/2017 - 06/2021

Pioneer in automation control & excels at enabling the creation of high-quality, 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
Bachelor's Degree in Computer Science

Bangalore, India
2013 - 2017

Certifications

eLearnSecurity Junior Penetration Tester (eJPT)

Certified Ethical Hacker(CEH v10)