

# ZUHAIB MOHAMMED

Smart Contract Developer | Smart Contract Security | Blogger

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## Summary

An Independent Smart Contract Developer/Auditor with a portfolio of 50+ 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 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 • Web3.js • Git • Layer 2 • Ethereum • Polygon • Cryptography • Web3 • DApps • Cross Chain • Uniswap

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

## Experience

### Freelancer

Remote

#### Smart Contract Researcher

10/2022 - Present

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

- Worked with top security firms like Secure3 and AuditOne for in-depth Smart Contract Security Reviews, contributing to enhanced security for various blockchain projects.
- Developed and audited smart contracts across diverse themes, including DEXes, 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, QuillAudits, YAcademy, OxMacro, and Atrium Academy, further solidifying knowledge and skills in blockchain security.

### Qualys Security TechServices Private Limited

Pune, India

#### Security Signature Engineer

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

Bangalore, India

#### Software Engineer

01/2017 - 06/2021

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

#### Bachelor's Degree in Computer Science

2013 - 2017

## Certifications

eLearnSecurity Junior Penetration Tester (eJPT)

Certified Ethical Hacker(CEH v10)