T R Zuhaib Mohammed (zuhaibmd.eth)

Smart Contract Auditor | Developer | Open-Source Contributor | Blogger

I am a passionate Blockchain Enthusiast dedicated to contributing to the web3 ecosystem as a Smart Contract Auditor. Committed to upholding the integrity and security of the blockchain space. My goal is to leverage my diverse skill set to identify and rectify vulnerabilities in smart contracts, ensuring the advancement and safety of the web3 and broader blockchain community.

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WORK EXPERIENCE

Blockchain Security Researcher
Freelancer

04/2022 - Present

Achievements

- Working as Smart Contract Auditor at firms like **Secure3, AuditOne, DetectBox.**
- Completed Smart Contract Security Fellowship at **Macro** .
- Contributor to **SunWeb3Sec/DeFiHackLabs** and **DeFiVulnLabs** GitHub repository.
- Compete in Audit Contests hosted by **Code4rena** and **CodeHawks.**
- Concluded the **Encode Club Expert Solidity Bootcamp** which covered topics related to EVM Opcodes, Yul, Gas Optimizations, MEV and Smart Contract Auditing.
- I was part of the QuillAudits **"Audit With Us** " program.
- Completed the OpenZeppalin's Ethernaut and Damn Vulnerable Defi **CTF challenges.**
- Completed the **Secureum** Bootcamp Video Course.
- Document my learnings about web3 via my **Medium** blog with almost **2.5k reads** per month and **300+ followers**.

Security Signature Engineer
Qualys Security TechServices Private Limited

08/2021 - 04/2023 *Pune*

Resposibilities

- Research on latest vulnerabilities, understand the **Proof of Concept (PoC)** and **Exploit** it in the lab environment and write a detection for it.
- Write **Vulnerability Signatures** across range of products like VMWARE, JIRA, ADOBE, MICROSOFT etc.,
- Interacting with Customers like **Apple, Amazon** to resolve their queries and provide support.

Software Engineer (Full Stack)
Honeywell Technology Solutions

01/2017 - 06/2021 *Bangalore*

Responsibilities

- I was responsible to implement a python automation that helped **save almost 10 hours of manual effort**, the script extracts data regarding the DLP Agents on a network.
- Implement feature requirement by via the **backend** and **frontend** code along with unit test cases.
- Develop **REST APIs** and test **CRUD** operations using Postman for Authorization checks.
- Test the web application for **OWASP Top 10** vulnerabilities list like SQLi, CSRF, XSS, IDOR and provide a fix.

TECHNICAL SKILLS

Solidity · Python · JavaScript · Yul · Bash · C# · EVM · SWC registry · Blockchain · DeFi · Linux · Pentesting · Automation · Networking

TOOLS AND FRAMEWORKS

FOUNDRY · SLITHER · HARDHAT · TENDERLY · REMIX IDE · ETHERS.JS · OPENZEPPELIN

EDUCATION

B.Tech (Computer Science) - 8.45 CGPA
Ramaiah Institute Of Technology

08/2013 - 08/2017 *Bangalore*

Courses

- Computer Networks
- Data Structures
- Computer Security
- Mathematics

CERTFICATIONS

eLearnSecurity Junior Penetration Tester (eJPT) (04/2021 - Present)

Completed the INE PTS Coursework as part of the exam.

Certified Ethical Hacker(CEH v10) (07/2017 - 07/2020)

UNDER-GRADUATE PROJECTS

Honeypot IDS (08/2015 - 12/2015)

A honeypot is a mechanism to detect, deflect, or counteract unauthorized users. The KFSensor tool was used to set up a honeypot. Fake services like telnet, ssh were run on the host system. The tool could detect attacks like port scanning attacks, DOS attacks, etc., The objective was to understand the attacker's tools and techniques, study them, and improve the security infrastructure.

Twitter Sentiment Analysis (08/2016 - 12/2016)

People share their experiences and opinions or simply talk about whatever concerns them online. A large amount of available data attracts developers and data analysts. The primary and underlying idea is that the fact of knowing how people feel about specific topics can be considered a classification task. People's feelings can be positive, negative, or neutral. This kind of technique can be used to target people with personalized ads or brainwash them with propaganda.