

# Mukadam Mohd.Tabrez Aslam

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## SUMMARY

Cybersecurity researcher with 24+ bug bounty finds, expertise in web and blockchain security, smart contract audits, and threat intelligence. Active in CTFs and Mumbai cybersecurity community, skilled in vulnerability assessment and responsible disclosure.

## EXPERIENCE

### Security Research & Development | M.H. Saboo Siddik College of Engineering

August 2023 - August 2025, Mumbai

- Conducted security research and vulnerability assessments across 15+ web applications and blockchain protocols, submitting 24+ findings to major bug bounty platforms including HackerOne, Bugcrowd, Intigriti, and Immunefi, identifying critical vulnerabilities such as CORS misconfigurations, XSS, CRLF injection, IDOR, and CSRF.
- Performed smart contract security audits on Cantina platform for 2 major DeFi projects, analyzing Solidity code for Bima Protocol and Omni Network, uncovering potential token approval manipulation and ownership transfer vulnerabilities affecting \$1M+ in assets.
- Competed in 10+ CTF competitions including NahamCon CTF, PicoCTF, TCS HackQuest, and RedFox CTF, achieving top 15% ranking in platform-specific challenges on Hack The Box and TryHackMe, sharpening exploit development and reverse engineering skills.
- Engaged with Mumbai cybersecurity community through active participation in Hack The Box Mumbai, BreachForce, RedFox Sec, and BSides Mumbai meetups, networking with 50+ security professionals while staying current with emerging threats.
- Qualified for internal rounds of Smart India Hackathon 2024 and 2025, demonstrating problem-solving capabilities in competitive national-level innovation challenges with 500+ participating teams.
- Facilitated 2 technical workshops on cloud security and smart contract fundamentals for 15+ peers, translating complex security concepts into practical learning experiences with 90%+ positive feedback.

## EDUCATION

### Bachelor of Engineering in CSE(IoT and Cyber Security including Blockchain technology)

| Anjuman-I-Islam's M.H.Saboo Siddik College of Engineering

7.56, Byculla,Mumbai, 2027

## CERTIFICATIONS

### Android Bug Bounty Hunting:Hunt Like a Rat | EC-Council

2025

- Demonstrates foundational knowledge of Android application vulnerability identification, exploitation techniques, and secure coding practices for mobile app security.

### Certification: Blockchain Basics | Cyfrin

2025

- Provides introductory understanding of blockchain technology, smart contracts, and decentralized applications, enabling basic interaction with blockchain networks.

### Purple Teaming Fundamentals | CyberWarFare Labs

2025

- Covers the fundamentals of collaborative security testing between offensive (red) and defensive (blue) teams, introducing basic threat detection and incident response concepts.

### Foundation Level Threat intelligence Analyst | arcX

2025

- Validated foundational skills in cyber threat intelligence, including TTP analysis, adversary profiling, and intelligence reporting for proactive defense.

### Autopsy Basics | Cybrary

2025

- Learned the fundamentals of digital forensic analysis using the Autopsy tool, including evidence acquisition, file system analysis, and artifact recovery.

## SKILLS

- Security & Research: Penetration Testing, Vulnerability Assessment, Bug Bounty Hunting, Smart Contract Auditing, Threat Intelligence, Digital Forensics, Blockchain Security, Incident Response, Web Application Security, OWASP Top 10, Exploit Development, Reverse Engineering
- Programming Languages: Python, JavaScript, Solidity, Rust, HTML, CSS, Bash
- Security Tools: Burp Suite, Metasploit, Wireshark, Nmap, Autopsy, Remix IDE, OWASP ZAP, Ghidra, IDA Pro
- Platforms & Frameworks: HackerOne, Bugcrowd, Intigriti, Immunefi, Cantina, TryHackMe, Hack The Box, Hardhat, FastAPI, Google Cloud Platform, Ethereum
- Development & Collaboration: Git, GitHub, Docker, Linux, VS Code, Agile Methodologies