

# Prakrati Khatri

prakrati2004@gmail.com | +91 9837720004 | Chandigarh, India | x.com/prakrati\_10 |

linkedin.com/in/prakrati-khatri | github.com/Prakrati10

---

I'm a security professional with a strong track record of reducing costs while enhancing organizational security. I possess excellent leadership and communication skills, along with the ability to identify vulnerabilities and deliver effective security awareness training to teams.

My experience includes active participation in bug bounty programs, where I've discovered and reported critical vulnerabilities across various systems and applications. I have hands-on expertise in AWS testing, Firebase security, access control vulnerabilities, and Business Management.

## Technologies

**Languages:** Solidity, Python, Bash, JavaScript

**Development & Security Tools:** Foundry, Burpsuite, Nuclei, React, Cloudflare CDN, Flask / FastAPI, Censys CLI, Ffuf, Postman, Bash

## Experience

---

**Security Engineer II**, Albus Security LLP January 2023 – Present

- Conducted **Vulnerability Assessment and Penetration Testing (VAPT)** on client applications to identify and mitigate security risks.
- Mentored and guided interns in Web Security, Exploit Dev, and security methodologies, helping them develop a strong foundation in security.
- Collaborated with cross-functional teams to improve internal security offerings and align them with industry needs.

**Blockchain Intern**, Metacrafters July 2024 – Nov 2024

- Assisted in the development and testing of smart contracts on EVM-compatible blockchains.
- Gained hands-on experience with Solidity, Web3.js, and blockchain deployment tools like Hardhat and Foundry.
- Participated in code reviews, debugging, and writing unit tests to ensure contract reliability and security.

**Security Researcher**, HackerOne May 2022 – Feb 2023

- Conducted independent security research on web applications, APIs, and cloud infrastructures to identify critical vulnerabilities.
- Reported critical vulnerabilities including IDOR-based data leaks, AWS secret exposures, authentication bypasses, and business logic flaws.
- Collaborate with security communities, contributing insights and real-world findings to strengthen collective defenses.

## Achievements

- 
- Led and collaborated with **ICP Crewsphere, Vital Blockchain, and Algorand** to organize a unique internship program, serving primarily as the lead coordinator and technical guide.
  - Successfully executed advanced blockchain projects with **Metacrafters** on Polygon blockchain, Avalanche blockchain, Ethereum blockchain, Flow blockchain, and Solana blockchain.
  - Identified and reported multiple vulnerabilities on Cyfrin's **CodeHawks First Flight**, achieving a position within the **Top 800 researchers**, with findings including **Access Control issues, Reentrancy, and Business Logic flaws**.
  - Received formal recognition for consistently maintaining strong client relationships and ensuring high client satisfaction.

- Organized security events, participated in CTFs and hackathons, and founded a global security community.

## Certification

---

<b>Certified Network Security Practitioner (CNSP)</b> - The SecOps Group	Nov 2025
<b>CompTIA Security+</b> - CompTIA	Jan 2025
<b>Building DApps In Ethereum Blockchain</b> - EDUCBA, Coursera	April 2025
<b>Google Cybersecurity Certificate</b> - Google, Coursera	Nov 2024
<b>ETH PROOF: Advanced EVM Course</b> - Metacrafters	Jan 2024
<b>POLY PROOF: Advanced Course</b> - Metacrafters	Dec 2023
<b>AVAX PROOF: Advanced Avalanche Course</b> - Metacrafters	Nov 2023

## Projects & Publications

---

### **Penetration-List** *View Project on GitHub*

- The Penetration List is a curated resource for testers, featuring vulnerabilities, payloads, dorks, bypasses, and fuzzing materials across web, network, and Android penetration testing.

### **Vulnerability Assessment - Vagnox**

- Vagnox 1.0 is a comprehensive Vulnerability Assessment Framework designed to assess web applications effectively. It integrates a variety of in-built techniques and open-source tools to minimize false positives and deliver accurate results.

### **Netprobe** *View Project on Github*

- Netprobe, the evolution of Netlab, is an open-source networking lab designed to offer immersive, hands-on learning experiences for networking enthusiasts, students, and professionals. It provides a simulated environment where users can experiment with real-world networking concepts, protocols, and tools without requiring complex hardware setups.

### **Enhanced 403 Bypass Mechanism for Web Security, Scopus**

**Scopus Indexed – DOI: 10.1109/ICACITE60783.2024.10617037** *View Research*

*Paper on Scopus*

- In this research, we explore advanced methods for bypassing the 403 (Forbidden) HTTP status code and introduce our custom-built software designed to test web applications for these vulnerabilities. Our study provides a detailed analysis of how effective these bypass techniques are across different web environments. Additionally, we compare our software with well-known open-source vulnerability scanning tools, evaluating its performance, detection accuracy, and overall reliability.

## Education

---

<b>Chandigarh University, India</b> , BE CSE Information Security	August 2022 – July 2026
<b>Senior Secondary</b> , CBSE (Class XII)	March 2021 - March 2022