

Pratik Shetty

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Summary

Cybersecurity Analyst with over **4 years'** experience specialising in red teaming, application security, and mobile app testing. Proven track record in identifying critical vulnerabilities and improving security postures for **manufacturing** and **financial** clients using tools like Burp Suite and Metasploit. Certified in **MCRTA, CRT0, CRTP, eCPPTv2, and CEH**, with recognised bug bounty achievements and CVE publications demonstrating a commitment to proactive security research. Currently pursuing an **MSc in Cyber Security at the University of York (UK)** and residing in the UK on a **Student Visa**, with eligibility to work Internships and Full-time upon course completion.

Experiences

Consultant **Jun 2023 - Aug 2025**
Ernst & Young **Mumbai, India**

- Led over **15+ security assessments** for manufacturing clients, covering web/mobile apps, internal red teaming, and Wi-Fi testing, improving overall security posture.
- Prepared precise vulnerability reports and Proof-of-Concepts (POCs) for **over 40 projects, helping clients** fix security issues and secure their systems.
- Conducted targeted **training for client teams** on Burp Suite and red teaming, increasing internal security knowledge by 30% for 50+ participants.
- Performed network **vulnerability assessments on 15+ client environments**, identifying critical risks and guiding patching efforts to strengthen defenses.
- Regularly audited firewall, switch, EDR, and Zscaler settings for **5+ enterprise clients**, ensuring 100% compliance with security policies and standards.
- Collaborated with **5+ IT teams** to integrate firewall solutions into the overall network architecture.

Associate Consultant **Jul 2021 - Jun 2023**
Aujas Cybersecurity **Mumbai, India**

- Performed **50+ web applications** and API penetration tests for a major financial client, identifying critical vulnerabilities in key systems.
- Created detailed Proof-of-Concepts (POCs) and vulnerability reports for 10+ projects, **helping clients** understand and fix security weaknesses.
- Led Wi-Fi security assessments, uncovering network weaknesses and **providing actionable recommendations** to strengthen wireless defenses quickly.
- Worked closely with clients to discuss and resolve identified vulnerabilities, speeding up the **fix process by an average of 15-20%**.

Skills

Operating Systems : Windows, Linux, Kali Linux, Parrot, Windows Server

Programming Languages : Python, Solidity, Rust

Technical Security : Web Application Security, Mobile Application Security (Android & iOS), API Security, Active Directory, Wi-Fi Security, Firewall, Switches, Network Devices, EDR

Security Tools : Burpsuite, Nessus, Postman, Mobsf, Frida, Objection, SQLMap, Metasploit, Wireshark, ZScaler

Security Frameworks : OWASP, NIST, MITRE

Soft Skills : Problem-Solving, Client Collaboration, Training, Vulnerability Reporting

Education

Business in Management Studies - Finance **Jul 2018 - Jun 2021**
Mumbai University **Mumbai, India**

Financial Accounting, Business Economics, Corporate Finance, Investment Analysis, Data Analytics for Business, Risk Management Principles.

Masters in Cybersecurity **Sep 2025 - Sep 2026**
University of York **York, UK**

Network Security, Ethical Hacking, Digital Forensics, Cryptography, Secure Software Development, Cyber Law and Ethics.

Certifications

MultiCloud Red Team Analyst [MCRTA]	CyberWareFare Labs - Oct 2025
Certified Red Team Operator [CRTO]	Zero Point Security - Jan 2024
Certified Red Team Professional [CRTP]	Altered Security - Nov 2023
eLearnSecurity Certified Professional Penetration Tester [eCPPTV2]	INE - Aug 2022
Oracle Cloud Infrastructure Security 2021 Certified Associate	Oracle - Feb 2022
Oracle Cloud Platform Identity and Security Management 2021 Certified Specialist	Oracle - Feb 2022
Certified Ethical Hacker [CEH]	EC-Council - Nov 2021
eLearnSecurity Junior Penetration Tester [eJPT]	INE - Jun 2021

Bugbounty

Aug 2021 - Present

- Honorable Mentions: Google
- Hall of Fame: 3 times in Microsoft
- Hall of Fame: Oracle (October 2022)
- Hackerone: Adobe, Cosmos, CrowdStrike, Sony
- Appreciation Letter: AWS Security, Salesforce, Apache, NVIDIA, Palo Alto, TV3 Group, FileCoin, Redhat
- Intrigriti: Here Technologies Bugcrowd: NASA Immunefi: Moonbean, Nodle

Published CVE

Eclipse Foundation

- CVE-2022-36022

Open Source - 2022

- CVE-2022-3492, 3493, 3502, 42235, 42236, 42237, 42238, 42991, 42992, 42993

Open Source - 2023

- CVE-2023-3987, 3986

Speaker

Cybersecurity 2024: Mapping the Road Ahead
Smart Contract Auditing

Pune, Dec 2023
Pune, Jan 2024