

Patel Chhayank Kaushikbhai

Ahmedabad, India



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Summary

Cybersecurity engineer intern with hands-on experience from Palo Alto Networks and academic training in Computer Science specializing in cybersecurity. Focused on web application security, vulnerability assessment, and risk management with proficiency in scripting and security tools..

Education

SRM Institute of Science and Technology

B.Tech, Computer Science and Engineering with specialization in Cyber Security

Jun 2022 – May 2026(Pursuing)

Chennai

- CGPA: 8.93

Experience

Palo Alto Networks

Sep 2023 - Nov 2023

Cyber Security Intern

Remote

- Completed an internship through AICTE at Palo Alto Networks, focusing on cybersecurity fundamentals and network security best practices.
- Developed a theoretical understanding of cloud security, network protection strategies, and SOC operations, aligning with risk management processes.
- Expanded practical knowledge in cybersecurity by applying security tools and scanners for vulnerability analysis, reinforcing skills in scripting/programming languages and operating systems.

Entrepreneurship Cell SRMIST

Sep 2023 – May 2025

Head of Finance · Vice-President

Chengalpattu, Tamil Nadu

- Increased student engagement in entrepreneurship programs by 40% through strategic initiatives as Vice-President of E-CELL SRMIST.
- Organized and led events, workshops, and competitions, increasing participation rates by 35% and facilitating innovative project successes.
- Led budgeting and financial planning efforts as Head of Finance, driving profitability and supporting successful project execution.
- Enhanced interdepartmental collaboration by expanding the organization's network, resulting in improved resource sharing and operational efficiency.
- Represented and led E-CELL SRMIST to secure top five rankings in multiple national competitions, demonstrating strategic leadership and innovation.

Projects

HTB_Cicada_Walkthrough

Mar 2025

https://github.com/shinchan-op/HTB_Cicada

Github Repo

- Successfully exploited the HTB Cicada box, demonstrating an understanding of how to use vulnerability scanning, exploitation, and post-exploitation techniques in a lab-based simulated environment.
- Conducted extensive scanning, reconnaissance, and privilege escalation to find and exploit system weaknesses, getting root access and getting the last flag.
- Real-world application of knowledge in web application security, Linux privilege escalation, and CTF methods, enhancing hands-on skills in ethical hacking and system exploitation.

SQL Injection Testing

Mar 2025

https://github.com/shinchan-op/SQLmap_basic_guide

Github Repo

- Performed SQL injection testing on a publicly available vulnerable web application (vulnweb.com) using SQLMap to identify and exploit potential database vulnerabilities.
- Successfully conducted database enumeration, table and column extraction, and data dumping to demonstrate real-world SQL injection exploitation techniques.
- Documented a step-by-step methodology for detecting, enumerating, and exploiting SQL injection vulnerabilities, showcasing proficiency in web application security testing.

Technical Skills

Security Concepts: Risk Assessment, Malware Analysis, Social Engineering, Cryptography, Vulnerability Assessment, Forensics and Incidence Response, Penetration Testing

Cybersecurity Tools: Nessus, Nmap, Burp suite, Smbclient, PeStudio, Wireshark, OpenVAS, Metasploit, INetSim, Snort, FTK Imager, Kernel Outlook PST Viewer

Programming: Python, C, Power Shell Scripting

Other Languages: HTML, CSS, JavaScript, Dart, Flutter

Other tools: Docker, Android Studio, Postman, GitHub

Certifications

2025: Certified Network Security Practitioner, The SecOps Group

2024: Ethical Hacking Essentials, EC Council

2024: Networking Basics, Cisco

2023: Cloud Security Fundamentals, Palo Alto Networks

Achievements

- **Winner DID Hackathon 2025:** Our team [object Object] won 1st place in the CS EXEBIT 2025, a 36-hour national hackathon organized by the Computer Science Department of IIT Madras. We created a Decentralized Identity (DID) Management CLI over the Hedera blockchain, outshining other top teams in India for our innovation in blockchain and cybersecurity.
- **Top 30 Nationwide | Best Innovation Award Winner 2025:** Our team SRM_BOTS secured a spot in the Top 30 out of 179 teams from across India including both college and company teams at the Byte Battles 2.0 Firmware Development Hackathon, hosted on 5th and 6th April by Ather Energy at their Bengaluru HQ.
- **4th Position at InteliHack 2025:** InteliHack Hackathon was organised by Meetstream Ai and NWC department of SRM. Here we presented a solution for automating report and prescription generation from the online consultation through zoom meeting by doctor to patient.
- **Most Promising Team Award 2025:** Led a team to develop innovative and practical startup solutions addressing real-world problems during Entrepreneurship Development Drive (EDD) 2025 organized by E-Cell, IIT Madras. Achieved Top 10 Finalist position nationwide by successfully navigating multi-stage tasks involving business strategy, market research, and pitch presentations
- **Top 10 Team at NEC 2023:** Our team demonstrated their entrepreneurial prowess on a national scale by participating in the National Entrepreneurship Challenge (NEC). Out of over 500 colleges from all corners of India, the E-Cell SRMIST team not only competed but also secured a remarkable position among the top 10 finalists.

Publications

- **Shifting Trends: From Price Sensitivity to Value-Centric Consumption in the Indian Market** presented at International Conference on Emerging Trends in Social, Business, and Management Science Research in March 2025 (Under Review / Not Yet Published).
- **Adaptive Signal Control with Accident and Ambulance detection** presented at Fifth International Conference on Internet of Things 2025 in April 2025(Under Review / Not Yet Published) .