PRATYUSH NAIR

CONTACT

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🌐 GitHub

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🌐 LinkedIn

SKILLS

- Mobile Application Vulnerability Assessment and Pentesting
- Scripting and Programming
- Automation
- Firewalls and endpoint security
- Malware Analysis and Scripting

EDUCATION

BTech MTech CSE Cyber Security|Cyber Security

National Forensic Sciences University

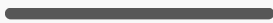Gandhinagar | Expected in Jul 2026
- GPA 8.3 PPI

AISSCE CBSE
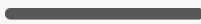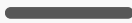**Delhi Public School**
Risali, Bhilai | 2021
- Percentage 94.4

LANGUAGES

English

Malayalam

French

Hindi

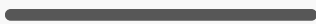
HOBBIES

- Sprinting
- Swimming
- Calisthenics

CTF TEAMS

- GodVision - CTFTime
- PanzerArmee
- CORTAC

PROFILE

Pursuing a Bachelor's and Master's Integrated Course in Cyber Security, specializing in techniques to detect, prevent, and respond to cyber-attacks. Skilled in network security, automation models, and mobile application pentesting, with a focus on learning malware analysis. Committed to staying updated with emerging technologies, thriving in fast-paced environments, and delivering high-quality work under pressure. Seeking opportunities to apply expertise to real-world cybersecurity challenges.

COURSES AND CERTIFICATIONS

Windows Forensics with Belkasoft

Belkasoft   Jan 2025

Beyond the Basics: Mastering Advanced Digital Forensics Techniques

Belkasoft   Jan 2025

Mobile Application Penetration Testing

TCM Security Academy   Aug 2024

Practical Malware Analysis & Triage

TCM Security Academy   Jan 2025

AWS Academy Introduction to Cloud Semester 1

AWS Academy Graduate

Fundamentals of Deep Learning

NVIDIA

Pre Security Learning Path

TryHackMe

PROJECTS

- Pass-Keeper: Designed a user-friendly Pass-Keeper application to improve login efficiency and enhance the customer experience. Received positive feedback from users within the first month.
- Student Management System: Developed an intuitive user interface for a Spring MVC-based application. Strengthened ACL rules for secure access and reduced user onboarding time with streamlined navigation.
- BaitBox [T-Pot]: Created a T-Pot-based distribution featuring 15+ major Honeypot frameworks on open-source platforms.
- Covert Ops: Designed an anomaly detection algorithm to address biases in existing global implementations, improving the reliability of law enforcement video analysis.
- RansomTrace: Designed a ransomware analysis and detection framework using YARA/SIGMA rules, static/dynamic analysis, and sandbox environments (FlareVM, REMnux). Focused on behavior monitoring, evasion detection, and automated reporting.

EXTRA CURRICULAR ACTIVITIES

- Finalist at NCIIPC Pentathon 2024
- NFSU National Cyber Security Awareness Month (NCSAM) 2023 CTF 3rd Runner Up
- NFSU NCSAM 2024 Digital Forensic Treasure Hunt 3rd Runner up
- Organizing Ahamroot CTF 2024 October