

Varun Poojari

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EDUCATION

- **Dr. Vishwanath Karad MIT World Peace University** Pune, India
Bachelor of Technology - Computer Science (Cybersecurity and Forensics) July 2021 - June 2025

SKILLS

- **Networking:** Routers, Firewalls, VPN, Proxies, OSI Model, TCP/IP Protocols
- **Tools & Platforms:** Splunk, IBM QRadar, Nessus, Metasploit, Suricata, Burp Suite, EDR/XDR tools
- **Cloud Security:** AWS (IAM, VPC, S3), GCP
- **Frameworks:** MITRE ATT&CK, NIST, CIS Controls
- **Operating Systems:** Linux, Windows (Sysmon, PowerShell, Registry analysis)

EXPERIENCE

- **Cysro Technologies Pvt Ltd** Hybrid
Project Manager June 2024 - Present
 - **Task:** Led the development of a smart contract auditing tool, including website development and reporting.
 - **Action:** Managed a team of 10, assigning tasks and integrating 6 open-source tools.
 - **Result:** Completed the interface design in 2 months, testing 6 key tools and accelerating the project timeline by 20%.
- **ZIROH Labs** Remote
Project Team Lead April 2023 - Sept 2023
 - **Task:** Improved file sharing visibility and management within OneDrive.
 - **Action:** Developed a recursive Java function to analyze folders and identify shared files and permissions.
 - **Result:** Enhanced accuracy in file tracking and enabled smooth migration of over 500 files with zero data loss, reducing manual oversight by 30%.

PROJECTS

- **Threat Hunting & Simulation:** Set up a Splunk SIEM to simulate MITRE ATT&CK techniques using Atomic Red Team. Monitored logs, detected intrusions, and generated actionable threat reports.
- **VisageGuard (Facial Authentication System):** VisageGuard is a facial recognition system that verifies identities in real-time with over 95% accuracy. It features continuous detection and advanced anti-spoofing for reliable security.
- **Malware Analysis of Malicious PDF:** Analyzed a malicious PDF file using pdftid.py, pdf-parser.py, and exiftool. Identified embedded JavaScript and extracted malicious payloads. Documented IOCs and proposed countermeasures.

CERTIFICATIONS

- **Certified Ethical Hacker (CEHv12):** EC Council Certificate
- **Google Cybersecurity Professional Certificate:** Coursera Credential
- **EHE NDE DFE:** EC Council ID:261446 ID:261820 ID:261812
- **Summer International Cybersecurity Research Program:** Texas A&M University Research Certificate and LOR
- **National Academic Immersion Program in Cybersecurity & Forensics:** IIT Jodhpur Program Certificate
- **Cybersecurity Industrial Training Program:** DevTown Training Certificate

PUBLICATIONS

- **Paper: Deepfake-based Covert Data Acquisition System and Methods with Malicious Application Mimicry and Stealthy Communication Channels:** Paper accepted at ICACIS 2024 to be published in Springer.
- **Paper: Innovative Helmet Intelligence: Design and Implementation of an IoT-Enabled Smart Helmet with Multi-Sensor Integration for Enhanced Safety:** International Journal of Advances in Soft Computing and Intelligent Systems (IJASCIS)2024 [Vol 03 Issue 01]

HONORS AND AWARDS

- Outstanding Achievement Award — MITWPU - FOET - August, 2022 [Link](#)
- Winner - National Level Inter-Engineering Sports Meet (Waterpolo)- December, 2021 [Link](#)
- Secured 3rd place in E-Summit by IIT BOMBAY Virtual Coding Challenge in senior level. - February, 2021 [Link](#)

VOLUNTEER EXPERIENCE

- **Liaison Officer, National Legislators' Conference Bharat 2023** Mumbai, India
Coordinated stakeholders and logistics for smooth event operation. June 2023
- **Security and Vigilance, Bharatiya Chhatra Sansad 2022** Pune, India
Ensured event safety and security in collaboration with personnel. September 2022
- **Volunteer Staff, Deenanath Mangeshkar Hospital Link** Pune, India
Volunteered at COVID-19 vaccination center for community health. September 2021