

Arshan Mansuri

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Profile Summary

Pre-final year B.Tech student specializing in Computer Science with a focus on Cybersecurity and Game Development at IPS Academy, Indore. Possess hands-on experience with Several indie Game applications and security operations, compliance, and incident response through internships and academic projects. Eager to apply technical skills in IT security and contribute to real-world InfoSec operations. Adept in supporting audits, performing security monitoring, and maintaining documentation. Passionate about learning and growing in the dynamic field of information security.

Achievements

- **Represented College** at the Education Fair organized by **Dainik Bhaskar** in 2024.
- Created and launched **Instagram** and **Snapchat filters**, achieving over **150M+ plays**.
- Participated in multiple national-level hackathons, including **HackSangam 2024** and **Innothon 2024**, contributing to **IoT** and **AR/VR** Based solutions.
- Participated in workshops on **Cybersecurity** and **Augmented Reality** in the Fashion Industry.
- Received awards and certifications from **Google Cloud Labs** and **MPFITT IITD**.

Education

B.Tech IPS Academy, Indore, Computer Science

July 2022 – June 2026
(Expected)

- GPA: 7/10
- **Coursework:** Computer Network, Operating Systems, Cybersecurity, Database Management System.

Experience

Cyber Secured India, Cyber Security Digital Forensics Intern

Remote Internship,
April 2024 – May 2024

- Assisted in daily InfoSec operations, including vulnerability assessments and penetration testing.
- Monitored network traffic and analyzed potential security threats, contributing to incident response efforts.
- Done Multiple Labs On **HackTheBox**, **TryHackMe**, **PortSwigger** etc. Learned Linux Operating System and had Practice On Terminal. Learned Bash Scripting Language and tools like Nmap, Burpsuite, Wireshark.

CISCO Networking, Cybersecurity remote Internship

Remote Internship,
May 2024 – July 2024

- Participated in **cybersecurity operations**, including network topology analysis and security risk assessment.
- Hands-on experience with Cisco security tools, performing packet analysis to detect suspicious activity.
- Made a whole **College Network Topology** in **Cisco Packet Tracer** and marked **Security risk assessment**

Shadow Defense, VAPT Intern

Remote Internship
December 2024 – Jan 2025

- Conducted **web application penetration testing** using **Burp Suite** & **OWASP ZAP**, identifying vulnerabilities like **SQL Injection**, **XSS**, and **data exposure**.

- Performed **network scanning & traffic analysis** with **Nmap & Wireshark**; configured **firewall rules** for security enhancement.
- Investigated **cyber incidents**, analyzed threats using **CyberChef & VirusTotal**, and mapped attacks via **MITRE ATT&CK**.
- Created professional **security reports** with **Indicators of Compromise (IoCs)** and risk mitigation strategies.

Projects

File Binder Application (Minor Project)

October 2024

- Developed a **Python-based** file binder application as a **cybersecurity-focused tool**.
- Enabled users to **bind multiple files into a single file**, embedding Confidential scripts into different file formats like JPGs.
- Integrated features such as file browsing, queue management, and file extension control allow users to remove or bind files based on their security needs.

College Network Topology Analysis

July 2024

- Designed and simulated a **Secure Network Topology** for the **College** using **Cisco Packet Tracer**, **identifying vulnerabilities** and proposing mitigation strategies.

EduAR: Augmented Reality-Based E-Learning App

September 2024

- Developed an AR-based e-learning platform focusing on interactive learning experiences, through local Language and 3D Models
- Tools Used: **Unity 3D, Vuforia, SketchFab**.

Technologies

Languages: C, C#, Python, Bash

Cloud Technologies: Google Cloud

Software : Cisco Packet Tracer, Burp Suite, Adobe Photoshop, Adobe Premier Pro, Blender, Unity 3D, Spark AR Studio, Lens Studio, Microsoft Office.

Certifications

Google Cloud Labs Certifications – Cloud Security, Network Architecture

Cisco Networking Academy: Introduction to Cybersecurity, Cybersecurity Essentials, and Packet Tracer

Event Experience

RealXR Event, IPS Academy, Indore

October 2024

Role: Organizer & Speaker

- Conducted the **RealXR** event, overseeing planning, logistics, and participant engagement to promote immersive AR/VR learning.
- Delivered a talk on the potential of AR/VR technologies, sharing insights with students and educators to inspire innovation in immersive tech.

G20 India Smart City Conclave 2023, Indore

July 2023

Role: Volunteer

- Volunteered for this **international event**, which featured the **President of India, Mrs. Droupadi Murmu**, as the main guest, highlighting India's advancements in smart city initiatives.
- Supported event operations, assisting attendees, and coordinating with organizers to ensure a smooth experience for delegates and showcase India's commitment to sustainable urban development.

Extra-curricular Activities

Technical Team Lead, RealXR (AR/VR Club) – IPS Academy

Video Editor, College Poetry Club - IPS Academy