

Piyush Jain

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SKILLS

- **Languages:** C++, Python, Java, SQL, DSA
- **Frameworks:** Metasploit Framework, Snort
- **Tools/Platforms:** Kali Linux, Cisco (Networking), Burp Suite, Nmap, Z-phisher, SIEM, HTML, CSS, MySQL
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability, Dedication, Security Ethics

INTERNSHIP

Cybersecurity Analyst Intern
Since February 2025

About: Conducted security assessments and vulnerability analysis of web applications. Implemented security best practices to protect applications and networks. Performed penetration testing and threat analysis to strengthen security protocols.

Technologies: Kali Linux, Metasploit, Burp Suite, Wireshark, Python (automation)

PROJECTS

Tata Job Simulation Project
JAN 2025 - FEB 2025

TechCorp IAM Solution Design (IAM, RBAC, ABAC, Cloud Security)

- Designed and deployed a comprehensive IAM strategy to enhance security and access management.
- Implemented IAM controls, including RBAC, ABAC, MFA, and user lifecycle management, ensuring secure authentication and authorization. Ensured adherence to ISO 27001, NIST, and GDPR standards.
- Strengthened access control mechanisms, reduced unauthorized access risks, and improved overall security posture for TechCorp Enterprises.

YHills Training Project
DEC 2024 - JAN 2025

- Designed and implemented cybersecurity tools for penetration testing, secure data transfer, and web application security.
- Developed a network scanner using Nmap to detect vulnerabilities, a secure file transfer tool with PyCryptodome, and a web security scanner with Burp Suite to analyze HTTP traffic.
- Successfully identified security vulnerabilities, improved encryption methods for file transfer, and enhanced security monitoring for web applications.
- Technologies: Python, Nmap, Burp Suite, XSS, SQL Injection.

HR Operational Task
FEB 2022 - MAR 2022

- Facilitated internship and job opportunities by connecting students with industry leaders.
- Managed outreach initiatives facilitated student-recruiter interactions, and established corporate partnerships with top companies for placements.
- Strengthened corporate relationships, increased student placement success, and streamlined recruitment processes.

CERTIFICATES

- | | |
|---|---------------------|
| • Foundation of Cybersecurity by Google | DEC 2024 - JAN 2025 |
| • Play it safe: Manage Security Risk by Google | JAN 2025 - FEB 2025 |
| • Cyber Security Analyst Job Simulation by Tata (Forage) | FEB 2025 |
| • Cybersecurity Awareness Job Simulation by MasterCard (Forage) | FEB 2025 |

EDUCATION

- | | |
|--|---|
| <ul style="list-style-type: none"> • Lovely Professional University
India
Master Of Computer Applications | Punjab,

Since August 2024 |
| <ul style="list-style-type: none"> • Aggarwal College (Aff. Maharshi Dayanand University)
Faridabad
Bachelor Of Computer Applications Percentage: 75% | Ballabhagrh,

April 2021 - May 2024 |
| <ul style="list-style-type: none"> • Govt. Sr. Sec. School Sikri
Faridabad
Intermediate (12); Percentage: 86% | Ballabhagrh,

July 2020 - July 2021 |