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**

**Lovely Professional University** Punjab, India

### Master Of Computer Applications Since August 2024

**Aggarwal College (Aff. Maharshi Dayanand University)** Ballabhagrh, Faridabad

### Bachelor Of Computer Applications **Percentage: 75%** April 2021 - May 2024

**Govt. Sr. Sec. School Sikri** Ballabhagrh, Faridabad

### Intermediate (12); **Percentage: 86%** July 2020 - July 2021