

# Yashita Mittal

[GitHub](#) | [LinkedIn](#) | [Website](#)

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Greater Noida, Uttar Pradesh 201310

## EDUCATION

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**Vellore Institute of Technology (VIT), Vellore** **CGPA: 8.37**  
*B. Tech in Computer Science with Specialization in Information Security* 2025

**Apeejay School, Greater Noida** **Marks: 89.5%**  
*CBSE (Class XII)* 2021

**Apeejay School, Greater Noida** **Marks: 94.8%**  
*CBSE (Class X)* 2019

## PROFESSIONAL EXPERIENCE

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**PlanetCast Media Services Ltd** **Noida, Uttar Pradesh**  
*Cybersecurity Intern* August 2023 – October 2023

- Collaborated with senior cybersecurity professionals to perform Vulnerability Assessment and Penetration Testing (VAPT) on enterprise systems, identifying critical vulnerabilities and providing remediation recommendations.
- Assisted in the development of security audit reports, detailing findings and suggested mitigation strategies, tailored for both technical and executive audiences.
- Created detailed, user-friendly documentation outlining newly implemented security protocols, ensuring ease of understanding for technical teams, business units, and non-technical stakeholders.
- Participated in real-time threat analysis and incident response efforts, contributing to the identification, containment, and remediation of security breaches.

## SKILLS

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**Languages:** Python, Java, C, C++, SQL, JavaScript, Typescript  
**Development:** NextJS, ReactJS, NodeJS, Express, Tailwind, Flask, FastAPI, Tkinter  
**DevOps:** Docker, Nginx, AWS Basics  
**Security:** Wireshark, Nmap, Snort, Nessus, Splunk, Burp Suite, Metasploit, Autopsy, TcpDump, FTK Imager, Shodan, Hydra  
**Other Tools:** Linux, Git / GitHub, Computer Networking, Excel

## PROJECTS

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**Cybersecurity Ticketing System** [GitHub](#)  
Developed Ticket Genie, a cybersecurity ticketing system using Next.js, Tailwind, and MongoDB, with full CRUD functionality for managing support tickets. Designed a user-friendly interface for seamless ticket submission and management while optimizing MongoDB for efficient data storage.

## RESEARCH

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### **Beyond the Quantum Threat**

VIT

This research paper investigates the implementation of post-quantum cryptography techniques in wireless communication protocols, with a focus on analyzing the vulnerabilities of modern cryptography in the presence of quantum computers.

## CERTIFICATIONS

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### **Google Cybersecurity Certification**

[Google](#)

Completed eight courses, developed by Google, that include hands-on, practice-based assessments to be competent in Python Scripting, Linux, SQL, Security Information and Event Management (SIEM) tools, and Intrusion Detection Systems (IDS).

### **Introduction to Cloud Computing**

[EC-Council](#)

Completed a comprehensive course designed to learn Cloud Computing, offering a clear understanding of cloud services and deployment models. Gained hands-on experience with IaaS, PaaS, and SaaS models, including practical labs on deploying virtual machines on Amazon Web Services (AWS) and applications on IBM Bluemix.

### **Networking Basics + Introduction to Cybersecurity**

[CISCO](#)

Completed two foundational courses from CISCO. These courses provided in-depth knowledge of networking principles, including IP addressing, subnetting, and network protocols, as well as a strong foundation in cybersecurity concepts, such as threat detection, mitigation strategies, and security best practices.

## ACHIEVEMENTS

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- Awarded a merit scholarship in 10th grade for achieving a 96.4% score and ranking among the top 3 academic achievers.
- Won the CTF (Capture the Flag) Event in DevSoc 2024 organized by Codechef VIT.
- Appointed as Events Coordinator for the VIT Music Club, leading teams for major fests such as Saarang (IIT Madras) and Mood Indigo (IIT Bombay).
- Solo Vocal Winner in the Western Category at the Prima Vera 2022 organized by DSW-VIT.

## VOLUNTEERING

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### **Secretary & Board Member**

[Becoming I Foundation, Vellore \(BIF\)](#)

- Served as Secretary & Board Member at Becoming I Foundation (BIF), a UN Recognized NGO focused on providing free, high-quality education to underprivileged children.
- Streamlined operational workflows, improving efficiency across key initiatives.
- Led recruitment, resource allocation, and performance management, ensuring optimal team functionality.
- Coordinated educational programs and led partnerships with institutions like St. Jude's, aligning resources to deliver free education to underprivileged children.
- Recognized for effective leadership and contribution to the organization's mission through strategic coordination and project management.