

**YASHIKA WADHWANI**  
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**Professional Summary**

Cybersecurity enthusiast with a strong interest in safeguarding digital systems and data. Skilled in risk assessment, penetration testing, and ethical hacking. Experienced in developing decentralized solutions, with a passion for innovation in organizational security. Seeking opportunities to contribute and enhance security infrastructures.

**Education**

**Bachelor of Technology in Computer Science and Engineering (Cyber Security Specialization)** 2022-2026  
The NorthCap University  
Current CGPA: 9.2

**High School Diploma** 2007-2022  
Delhi Public School Sushant Lok

- CBSE | 12th: 85% (Non-Medical Science with Computer Science)
- CBSE | 10th: 93%

**Internship Experience**

**IFSO, Delhi Police** Jan 2025-Present

- Conducting digital forensics analysis to assist cybercrime investigations.

**Software Technology Parks of India** Jun-Aug 2024

- Developed Ticket'D, a decentralized ticketing platform using blockchain technology to tokenize and securely manage event tickets. Ensured transparency and prevented black ticketing with a built-in resale mechanism.

**Projects**

- **DDoS Protection System for Cloud: Architecture and Tool** Sept 2024  
Developed a cloud-native solution using machine learning for real-time detection, mitigation, and automated recovery from DDoS attacks (in-progress).
- **Secured Banking Management System** Nov 2023  
Secure banking system in C that handles user login, account creation, balance checks, and money transfers with hashed passwords using SHA-256 for enhanced security.  
GitHub: <https://github.com/YashikaWadhwani/Banking-Management>
- **Voice Search Engine Integrated with MySQL** Dec 2022  
This project integrates voice commands with a GUI interface to perform tasks like retrieving book information from a database, playing music, and more using speech recognition and natural language processing.  
GitHub: <https://github.com/YashikaWadhwani/Luna>

**Professional Courses and Certifications**

- CCNA: Introduction to Networks, CISCO
- Blockchain Bootcamp, IDS
- Ethical Hacking Essentials (EHE), EC COUNCIL
- Google Cloud Security- Google Skills Boost (ongoing)

**Technical Skills**

- Risk Assessment
- Penetration Testing
- Ethical Hacking
- C, Java, Python
- Data Structures and Algorithms (DSA)
- MySQL

**Soft Skills**

- Communication
- Networking
- Adaptability
- Leadership
- Accountability

**Extra-Curricular Activities**

- International Chess Tournament - Organizing Team
- Programmers Club - Vice President
- Cybersecurity Club(Socer Club) - Event Head
- NRSC NCU - President

**Achievements**

- Silver Medalist- State-level Chess Championship
- Ranked in the Top 6% on TryHackMe