

# Ayush Monga

(+91) 9755544336 | [ayushmonga854@gmail.com](mailto:ayushmonga854@gmail.com) | [Linkedin-ID](#) | [Github-ID](#)

## EDUCATION

<b>VIT Bhopal University</b> <i>Bachelor of Technology(B.Tech.) in CSE (Specialization in Cyber Security and Digital Foensics)</i>	2022-2026 CGPA: 8.91/10
<b>Delhi Public School Bhopal</b> <i>12th Standard: CBSE Board</i>	2022 91%
<b>Delhi Public School Bhopal</b> <i>10th Standard: ICSE Board</i>	2020 91.2%

## PROJECTS

- Malware Analysis and Reverse Engineering Using Ghidra** | *Kali Linux, Windows, Ghidra, Flare-VM, VirtualBox*
- Conducted malware disassembly and decompilation using Ghidra, achieving 90% code deconstruction accuracy for over 100 malware samples.
  - Reduced malware reverse engineering time by 30% compared to traditional methods, accelerating vulnerability identification
  - Identified and mitigated 95% of security vulnerabilities in analyzed malware, leading to improved threat response and defense strategies.
- Employee Performance Analysis and Attrition Prediction** | *Python, Pandas, Numpy, Powerbi, Excel*
- Analyzed employee performance data using statistical and machine learning models, improving performance evaluation accuracy by 25% more than across 500 employees.
  - Implemented attrition prediction models, achieving 85% accuracy in identifying high-risk employees for turnover.
  - Reduced employee attrition rate by 15% through targeted interventions based on predictive insights.
- Smart ID Attendance System** | *Python, Excel*
- Processes attendance in under 2 seconds per scan, with an accuracy rate of 99.5%.
  - Provides real-time attendance insights, including daily logs, late arrivals, and absentee reports.
  - Supports up to 10,000 users with encrypted data storage and integration with HR/academic systems.

## TECHNICAL SKILLS

**Languages:** Python, C/C++, Java, JavaScript  
**Frontend Technologies:** HTML, Tailwind CSS, ReactJS  
**Cyber Security** Kali Linux, Windows, Ghidra, Flare-VM, VirtualBox  
**Tools & Platforms:** Git, GitHub, VS Code, PowerBI

## WORK EXPERIENCE

- Information Security Intern at MANIT Bhopal under ISEA Project III from 17 December 2024 to 17 February 2025
- Currently enrolled in Student Internship Program of Bhopal Police Commissionerate

## ACHIEVEMENTS

- Achieved a maximum **LeetCode rating of 1565** and solved over **200+** leetcode problems.
- Attained a Codeforces rating of **371** (Newbie) and CodeChef rating of 980
- Vice-President** of VITB Mozilla Firefox Club.
- Winner of **Project-Expo** in **VITB Industrial Conclave** for best project under category **Cyber Physical System** and **Top 5 overall projects**.
- Cricket Sports Lead and Also represented University Cricket Team several times.

## ADDITIONAL

### Certifications

- The Bits and Bytes of Computer Networking (Coursera)
- Cyber Defense Engineering Using Python
- Foundations of Cyber Physical Systems (NPTEL)
- C for Everyone: Programming Fundamentals.