


Himanshu Kumar

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EDUCATION

- **Indian Institute of Information Technology, Lucknow** Lucknow, India
B.Tech in Computer Science - CGPA: 8.31/10 2020 - 2024
- **Marwari High School** Gaya, India
Scored 79.8% in Class XII, BSEB Board 2017 - 2019

EXPERIENCE

- **Ironwasp Information Security Solutions Pvt Ltd** September 2022 - March 2023
Security Engineer Intern
 - Developed intercepting request tool for security monitoring, logging analyzing all incoming requests to detect malicious activity and prevent system infiltration.
 - Implemented automated CSP policy generation, resulting in a **90%** reduction of manual effort and error rate.

PROJECTS

- **grOSS  | An Open Source Security Inspector website and cli tool.** August 2022
 - Collaborated grOSS, a web-based CLI tool to inspect open source GitHub projects for vulnerabilities, security leaks & authenticity with **95% accuracy**.
 - Demonstrated strong knowledge of cybersecurity by developing innovative solutions to win Mesohack's  hackathon, leading a team of 3 members.
- **Incognito 3.0  | Organised the Annual Capture The Flag event of IIITL** April 2022
 - Coordinated **36-hour** Capture the Flag event for IIITL, engaging over **1000+** participants from **45+** countries.
 - Developed released 5 Linux, 5 web-related CTF problems, with an average of 50 solvers per challenge.
 - Configured & Hosted Challenges in secured docker container and hosted on digital ocean using apache as reverse proxy.




SKILLS

- **Languages:** C/C++, Bash, JavaScript, TypeScript, Latex, Python
- **Technologies:** Git/GitHub, Linux, Burpsuite, Metasploit, SQLMap, NMap, Vim
- **Areas of Interest:** Information Security, Fullstack development, Web 3.0
- **Misc:** Data Structures, Algorithms, OSINT, Google Dorking, OOPS, DBMS

RESPONSIBILITIES

- **Senior Member of Information Security Wing, Axios IIIT Lucknow** May 2022 – Present
 - * Organized Capture the Flag (CTF) event to educate over 500 participants on security principles and vulnerabilities, increasing their awareness by 25%.
 - * Delivered impactful sessions for 200+ attendees to explain the importance of secure coding testing processes.
- **Senior Member of Dramatics, IIIT Lucknow** June 2022 – Present
 - * Organized Mannequin challenges for the dramatic club, generating a 60% increase in attendance engagement at Social Pages of Dramatic Club.

ACHIEVEMENT

- **InfoSec Team** Jan 2021 – Present
Collaborated with **Byt3Scr4pp3rs** to achieve **11th rank in India** on CTFTIME, an international cybersecurity competition platform.
- **Penetration Testing Platforms** August 2021
Secured a top 2% rank in TryHackMe's  Level 8 and earned the title of Hacker on HackTheBox .
Gained comprehensive knowledge of web penetration testing through solving labs **more than 50%** in Portswigger web academy .