

Amritanshu Kumar

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Internship

Pentester Intern

June 2023 - August 2023

Yhills + E-Cell IIT Hyderabad

- Conducted a comprehensive Vulnerability Assessment and Penetration Testing (VAPT) on two designated vulnerable machines
- Used tools such as Nmap, Metasploit, Nikto, Gobuster, and Wireshark to identify and analyze security weaknesses.
- Discovered MS17-010 (EternalBlue) vulnerability on one machine and ProFTPD misconfiguration on the second machine, assessing their potential risks.
- Suggested patching Windows systems with Microsoft Security Bulletin MS17-010 to fix EternalBlue and updating ProFTPD to the latest stable version while disabling unnecessary modules and enforcing strong authentication.
- Provided suggestion for additional preventive measures, including firewall restrictions, network segmentation, intrusion detection systems (IDS), and regular security audits to enhance overall system security.

Projects

FriendZone : Project Collaboration Platform / MERN Stack

January 2024 - March 2024

- FriendZone is an open platform that connects students with like-minded peers who share similar skills and interests.
- It helps students find the ideal partners for academic and personal projects based on their expertise and goals.
- The platform fosters collaboration, teamwork, and knowledge sharing, making it easier to work on creative and technical projects.
- It enhances student networking by creating a community where individuals can connect, collaborate, and grow together.
- Github Repository Link: <https://github.com/Spy-net/FriendZone.git>

Blockchain Based Crowdfunding Dapp / Web3, ThirdWeb

June 2023 - November 2023

- Developed a Blockchain-Based Crowdfunding DApp with a smart contract framework hosted on the ThirdWeb platform.
- Enables users to easily launch and manage fundraising campaigns with blockchain-powered security.
- Ensures trust and accountability by leveraging immutable blockchain records for transparent transactions.
- Provides a secure environment where contributors can participate with confidence, knowing their funds are protected.
- Github Repository Link: <https://github.com/Spy-net/Crowdfunding-with-Blockchain.git>

Certificates

Industrial Training On BlockChain with Cyber Security - CodroidHub

October 2023

[Certificate Link](#)

Cybersecurity - YHILLS + E-Cell IIT Hyderabad

July 2023

[Certificate Link](#)

Industrial Training MERN Stack - InterNexus

August 2022

[Certificate Link](#)

Technical Skills

Languages: C++, Java, JavaScript

Technologies/Frameworks: HTML, CSS, Tailwind, Vite, NodeJs, Kali Linux

Skills: Computer Networking, Problem-Solving, Web Designing, CyberSecurity

Education

Lovely Professional University Punjab

Since 2024

Master of Computer Application — CGPA: 6.24

Jalandhar, Punjab

Amity University Patna

2020 – 2024

Bachelor of Computer Application — CGPA: 8.96

Patna, India

Patna Collegiate School

2019 – 2021

12th with Science — Percentage: 75 %

Bari Path, Patna