Jatin Kumar

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Introduction

I am Jatin Kumar, a dedicated cybersecurity enthusiast currently pursuing a Bachelor's degree in Computer Science and Engineering with a specialization in Cybersecurity at Manav Rachna University, India. My internship experience with **Delhi Police IFSO/NCFL** has significantly enhanced my problem-solving skills and provided me with practical insights into advanced cybersecurity practices.

I hold leadership roles as **Creative Vice Head in IEEE MRU** and **Sr. Educational Director in MRU Cyber Squad**, fostering teamwork, innovation, and strategic thinking. I'm dedicated to identifying and mitigating security threats, actively seeking opportunities to deepen my expertise through practical experiences and learning.

Education

Manav Rachna Univeristy, Higher Education   Sept. 2022

- B.Tech CSE with CyberSec & Threat Intel
- Creative Vice Head, IEEE MRU SB
- Sr. Educational Director, MRU Cyber Squad

S. M. Arya Public School , Higher Secondary Education   Apr. 2022

S. D. Public School , Secondary Education   Apr. 2020

Experience

Delhi Police IFSO/NCFL, Intern   Delhi, India
                                                                                                       July 2023 to July 2023
                                                                                                                  1 month

- Engaged in close collaboration with the Assistant Commissioner of Police within the Intelligence Fusion & Strategic Operations (IFSO) division, alongside the skilled forensic team at the National Cyber Forensic Laboratory (NCFL) of Delhi Police.
- Acquired invaluable insights into cyber-related crimes, particularly focusing on crypto-related offenses.
- Played an active role in analyzing crime scenes, applying state-of-the-art forensic techniques to contribute to the resolution of cybercrime cases.
- Provided support to intelligence operations by identifying and tracking cyber threats, demonstrating a proactive stance toward cybersecurity.
- Conducted practical sessions on the Dark Web for inspectors nationwide during their training, offering hands-on demonstrations and deep insights into the complexities of the dark web landscape.

Leadership Roles

Creative Vice Head, IEEE MRU SB   Delhi, India
                                                                                                                 Aug 2023

- Responsible for overseeing and optimizing the performance of the creative team.
- Lead efforts to enhance the quality of graphics, videography, and other creative outputs, ensuring alignment with IEEE MRU's objectives and standards.
- Collaborate closely with team members to foster a culture of innovation, creativity, and excellence.
- Served as a Graphic Designer at IEEE MRU for one year, contributing to the visual identity and promotional materials of the organization.
- Led a successful four-day event called Cyber Cognizance under IEEE MRU in collaboration with MRU Cyber Squad, attracting over 400 student participants.

Sr. Educational Director, MRU Cyber Squad

<div align="right">Delhi, India
May 2024</div>

- Implement rigorous quality assurance measures to ensure accuracy, relevance, and clarity of educational materials.
- Collaborate closely with the content creation team to provide constructive feedback and guidance for content improvement.
- Stay updated on emerging trends and best practices in cybersecurity education to continually improve the quality and effectiveness of educational materials.
- Organized and hosted a Capture The Flag (CTF) competition as part of Cyber Cognizance, engaging 200 participants in challenges related to cybersecurity and digital forensics

Projects

- OSINTomains - A Domain Ananlysis tool ↗
- Stock Predictor Using Python & ML
- Built a WiFi Deauther using NodeMCU (ESP8266)
- NodeMCU(ESP8266) driven Smart Home Device utilizing WiFi technology.

Technologies

Languages: C, Java, Python, SQL, Prolog, Bash

Software: Visual Studio, Wireshark, Nmap, Autopsy, BurpSuite, FTK Imager, Ghidra

OS: Linux, Windows

Courses & Certifications

- Java Object-Oriented Programming
- Python for Cybersecurity Professionals
- Cybersecurity Careers: Become a Penetration Tester
- Foundations of Cybersecurity (Google)
- Play It Safe: Manage Security Risks (Google)
- OPSWAT Introduction to Critical Infrastructure Protection (ICIP)
- Artificial Intelligence Foundations: Thinking Machines
- Security Risks in AI and Machine Learning: Categorizing Attacks and Failure Modes
- Programming Foundations: Databases
- Relational Databases Essential Training
- Leading Inclusive Teams