Meenal Chauhan

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About Me

I am a motivated student at NIIT University, where I am pursuing a B.Tech in computer science with a cybersecurity specialization and a minor in business analytics. I'm currently working as a cybersecurity intern at DRDO, where I'm honing my skills in a red teaming simulation, trying to put management, creative, and demonstrated leadership abilities to use. I'm able to assist because I am a quick learner.

Skills

Technical skills: Python, R , Rust, Docker, MS Excel, Business Analytics
Soft skills: Leadership, Critical thinking, Event Management, Communication.
Tools used: GitHub, Oracle Virtual Box, VMM, Kali Linux, VS Code, IntelliJ IDEA

Experience

DRDO Internship | *Cybersecurity Intern* | *Linux system, shell programming*   Jan 2024 – Present

Engaged in a red team simulation initiative focused on cybersecurity, prioritizing data security measures such as encryption and secure data handling. My responsibilities primarily entailed the administration and upkeep of the C2 server, ensuring seamless integration with our agent system. Utilized technologies like GraphQL, RabbitMQ, Docker, and Git for collaborative development and version control.

CISCO Networking Academy   May 2023 – Aug 2023

Crafted and analyzed a campus network configuration; employed the Sniffer tool to monitor outgoing and incoming traffic, enhancing security measures. Executed the project utilizing Cisco Packet Tracer software.

Projects

E-commerce Bookstore | *web development* | *MERN stack, O-Auth, HTML/CSS/JS, GitHub, VS Code*
  * Developed a user-friendly e-commerce bookstore accessible to all age groups, featuring buyer and seller logins.
  * The admin dashboard can upload new items, establish product categories, and even update the existing ones. The user-side dashboard allows users to see and place orders.
  * Employed responsive design principles to optimize user experience, prioritizing UI/UX experience to ensure seamless navigation and customer satisfaction.

Image Steganography website | *web development* | *Flask framework, OpenCV, Numpy, HTML/CSS/JS, GitHub, JIRA*
  * Engineered a robust image steganography project where I gained experience in backend development.
  * Implemented robust encryption methods for secure data handling, emphasizing a commitment to cybersecurity best practices.
  * Designed a user-friendly interface with dynamic HTML/CSS.

Certifications

- Introduction to Cybersecurity, Cisco
- Cybersecurity Essentials, Cisco
- Introduction to Packet Tracer, Cisco
- Cloud security, Cisco

Positions of Responsibilities

Event Curation Team Lead at Centre of Innovation Incubation and Entrepreneurship   Jan - May 2022
Curated an event called 'Pitchpreneur' in which teams of volunteers were required to pitch their ideas to the panel.

Member of Student Affairs Committee (SAC)   Dec 2022 - Dec 2023
Advocating for the student's issues and needs while attempting to ensure a solution

Education

NIIT University   September 2020- June 2024
B.Tech Computer Science   *Current SGPA: 7.92*
Senior Secondary   2018-2020
New Public School   *Percentage: 76%*