Shubham Chaudhary

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PROFESSIONAL SUMMARY

Skilled cybersecurity student with experience in network security, Linux, threat analysis, and vulnerability management. Proficient in tools like Wireshark, Kali Linux, Burp suite and SIEM systems. Passionate about staying ahead of evolving threats and enhancing organizational security.

EDUCATION

- **Shobhit Institute of Engineering and Technology (SIET), Meerut** — Meerut, Uttar Pradesh
  BCA in Cyber Security: CGPA- 8.55 (1st Year) — *Aug, 2023 – Present*
- **D.A.V Cent. Public School, Meerut** — Meerut, Uttar Pradesh
  Intermediate: Percentage- 76 — *Apr, 2022– March, 2023*
- **D.A.V Cent. Public School, Meerut** — Meerut, Uttar Pradesh
  Highschool: Percentage- 71 — *Apr, 2020 – March, 2021*

PROJECTS

- **SIEM Lab**: **Mar, 2025 – Present**
  - The SIEM Lab Project involves setting up and managing a Security Information and Event Management system to monitor and analyze security events. Using tools like Splunk, ELK Stack, and Logstash, it helps detect and respond to security threats in real-time.
- **Honeypot**: **Jan, 2025 – Mar, 2025**
  - The Honeypot Project involves creating decoy systems to attract and analyze cyberattacks. Using technologies like Python, Honeyd, and Snort, it helps monitor and study attacker behavior, enhancing security defenses.
- **Malware Analysis**: **Sep, 2024 – Nov, 2024**
  - The Malware Analysis Project focuses on studying malicious software to understand its behavior. Using technologies like Python, IDA Pro, and Ghidra, it helps identify threats and develop methods for detection and prevention.
- **Intrusion Detection System (IDS)**: **Mar, 2024 – June, 2024**
  - The IDS Project focuses on designing and implementing an Intrusion Detection System to monitor network traffic for potential threats. Using technologies like Snort, Suricata, and Python, it helps detect and respond to unauthorized access or malicious activity.
- **ATM Machine**: **Jan, 2024 – Feb, 2024**
  - Manual ATM transaction management can lead to errors and inefficiencies. A C++-based ATM system automates tasks like PIN verification, balance inquiry, deposit, and withdrawal, ensuring secure, accurate, and efficient account management. C++'s efficiency and robustness make it ideal for handling these critical operations.
- **Sever Utilization**: **Oct, 2023 – Dec, 2023**
  - Manual server utilization tracking can be cumbersome and inaccurate. A Bash scripting-based system automates monitoring of server resources, ensuring real-time tracking and efficient utilization management. Bash scripting's simplicity makes it ideal for managing server performance.
- **Employee Management System**: **May, 2023 – Aug, 2023**
  - Manual employee management can be error-prone and inefficient. A Bash scripting-based Employee Management System automates tasks like data entry and retrieval using CSV files, ensuring accuracy and efficiency. Bash scripting and CSV files make managing employee records simple and effective.
- **File Information Gathering**: **Mar, 2023 – Apr, 2023**
  - Manual file information gathering can be inefficient. A Bash scripting-based system automates the collection of file details, ensuring accurate and efficient data retrieval. Bash scripting simplifies the process for quick analysis.
- **Portfolio**: **Jan, 2023 – Feb, 2023**
  - Professionals and creatives need a seamless way to showcase their work online. The Portfolio Website, built with HTML, CSS, and JavaScript, provides an interactive platform to display projects, skills, and accomplishments, offering an engaging and responsive user experience.
- **Homelab**: **Oct, 2022 – Dec, 2022**
  - The HomeLab Project involves setting up a personal lab environment to experiment with different technologies and configurations. Using tools like VirtualBox, Docker, and various networking setups, it provides hands-on experience with system administration, security, and automation.

CERTIFICATES

- **Google Cybersecurity** (Jan, 2025 − May, 2025) :-   **By Coursera**
- **Reverse Engineering and Malware Analysis** (Oct, 2024 − Dec, 2024) :-   **By Udemy**
- **Digital Forensics: Computer Forensic DFMC + DFIR** (Aug, 2024 − Oct, 2024) :-   **By Udemy**
- **JAVA Programming** (Apr, 2024 − June, 2024) :-   **By Coursera**
- **Object Oriented Programming Using C++** (Jan, 2024 − Mar, 2024) :-   **By Udemy**
- **Python for Android** (Sep, 2023 − Nov, 2023) :-   **By Great Learning**
- **Inroduction to Cryptography and Dark Web and Anonymity** (June, 2023 − July, 2023) :-   **By EC − Council**
- **Introduction to Ethical Hacking** (May, 2023 − June, 2023) :-   **By Great Learning**
- **Introduction to Information Security** (Apr, 2023 − May, 2023) :-   **By Great Learning**

- **Bash Shell Scripting** (Feb, 2023 − Mar, 2023) :-   **By Udemy**
- **Foundation of Cybersecurity** (Dec, 2022 − Jan, 2023) :-   **By Skill India Digital hub (SIDH)**

ACHIEVEMENTS AND RESPONSIBILITIES

- **Member**: In Core Team of Computer Club
- **Volunteer**: In Smart India Hackthon (SIH) (12/2023 − 12/2023)
- **Volunteer**: In Smart India Hackthon (SIH) (12/2024 − 12/2024)
- **5th position**: In Hackthon organized by Meerut Tech Connect (MTC) community at Indraprastha Engineering College, Ghaziabad (5/10/2024 − 6/10/2024).
- **Workshop Attendee**: In Internet of Things (IOT) workshop organized by my college (SIET) (20/04/2024 − 10/05/2024)
- **Event Attendee**: In DevFest organized by Google Developer Group Noida (GDG Noida) on (07/12/2024)
- **Organizer**: Of Inter College Girls Kho-Kho Tournament held at Shobhit Institute of Engineering and Technology (SIET) on (20/09/2024)
- **Co-Ordinator**: Student Co-Ordinator of Girls and Boys Kho-Kho Tournament organized by my college (SIET) on Inspire Day or Annaul Sports Day (6/02/2024 - 8/02/2024).
- **1st position**: In Volleyball Tournament organized by my college (SIET) on Inspire Day or Annaul Sports Day (6/02/2024 − 8/02/2024).
- **1st position**: In State Level Kho-Kho Tournament organized by D.A.V. College Managing Committee (6/02/2024 − 8/02/2024).
- **2nd position**: In Nation Level Kho-Kho Tournament organized by Kho-Kho Federation of India (KKFI) (17/12/2022 − 31/12/2022).

SKILLS

- **Technical Skills**:
    - **Cybersecurity Tools**: Wireshark, Nmap, Metasploit, Burp Suite, Nessus, Snort
    - **Operating Systems**: Linux (Ubuntu, Kali Linux, Parrot OS), Microsoft Windows, MacOS, Command Line (Linux/PowerShell)
    - **Network Security**: TCP/IP, VPN, IDS/IPS, Firewall Configuration, Network Segmentation
    - **Languages**: C/C++, Python, PHP, JAVA, HTML, CSS, JavaScript, BASH
    - **Databases**: PostgreSQL, MySQL, SQLite, SQLAlchemy, MongoDB
    - **Cryptography**: AES, RSA, MD5, SHA
- **Soft Skills**:
    - Strong analytical and troubleshooting abilities
    - Attention to detail with a focus on risk mitigation
    - Team player with collaborative problem-solving skills
    - Ability to handle high-pressure situations and meet deadlines
    - Event Management, Leadership, Communication, Public Speaking, Teamwork, Time Management, Positive Attitude, Adaptability, Conflict Resolution, Interpersonal Skills, Attention to Detail,