GAURAV SINGH

Cyber security engineer

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EDUCATION

Shri Ramdeobaba college of engineering and management

B.E in Cyber Security	CGPA-7.3

📅 Aug 2021 – May 2024   📍 Maharashtra,India

G.H Raisoni Polytechnic,Nagpur

Diploma in Mechanical Engineering	Grade-88%

📅 July 2018 – April 2021   📍 Mahrashtra,India

EXPERIENCE

- **Intern**
  Virtually Testing Foundation
  📅 Jul 2023 - sept2023   📍 Los Angeles, CA

- worked as Red Team engineer at VTF .

- **Intern**
  Virtually Testing Foundation
  📅 sept 2022 - Nov 2022   📍 Los Angeles , CA

- worked as Information Security Administrator .

- **Intern**
  Traffic Rewards
  📅 Feb 2023 - june 2023   📍 Nagpur , Maharastra

- worked as an intern and developed a video object detection system .

ACHIEVEMENTS

- C, Python, Java programming certificate
- Palo Alto (Cyber security virtual internship)
- Fortinet (Network security associate)
- Publish a Research Paper on Designing and Implementing Cyber Security Home Lab for Detection Monitoring at 14th ICCCNT 2023.

SKILLS

- Vulnerability analysis and penetration testing
- Threat Detection
- Computer Networking and security , Operating systems
- Network security Administrator
- Cloud Security and AWS fundamentals
- Oracle SQL
- Experienced with MITRE ATTCK Framework

- Firewall, Packet analysis, IDS/IPS
- proficient with Linux, Windows operating systems
- Proficient in PoSh, Shell, Python scripting languages
- Excellent verbal and written communication skills
- cryptography, Incident Handling and response
- Networking (OSI | TCP/IP Model, Sub netting)

PROJECTS

Cyber security homelab for monitoring and detection

- Developed and deployed a homelab environment to simulate real-world cybersecurity scenarios. Configured and optimized security infrastructure for effective monitoring and threat detection. Demonstrated practical application of security concepts on a smaller scale, showcasing the potential for implementation in large-scale enterprise

Video object detection

- Utilized Convolutional Neural Networks (CNN) to develop a robust object detection system for video surveillance. Achieved exceptional accuracy in detecting various objects, including people, vehicles, and animals. Demonstrated the potential of AI-based models for enhancing security surveillance and threat identification.

PROFILE LINKS

- Linkedin- http://linkedin.com/in/manan-sharma-3b6659249

TOOLS

- Nmap
- wireshark
- Aircrack-ng,Airmon-ng,Airodump-ng,Airodump-ng
- Burp suite
- Cisco packet tracer
- Splunk
- Metasploit