
NAVEEN KUMAR S

CYBER SECURITY ENTHUSIAST

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PROFESSIONAL SUMMARY

Graduate in cyber security who is highly motivated and enthusiastic and looking for an entry-level career to use my technical talents and knowledge in securing digital assets to prevent cyber threats.

EDUCATION

Master of science (2021-2023)
computer Science with cyber security

Rajiv Gandhi National Institute Of Youth
Development (RGNIYD)
- Sriperumbudur, Tamil Nadu

Bachelor of Science (2017-2020)
Computer Science

Guru Nanak College
- Velachery, Tamil Nadu

RELEVANT PROJECTS

A Safe Blockchain-based Solution for Managing Healthcare Data [Present]

- Ensuring data security, integrity, and privacy while facilitating effective data sharing amongst authorized parties via blockchain technology.
- Developed technologies to secure patient data privacy, ensure communication between various healthcare systems, and automate procedures using smart contracts.
- Improved the effectiveness of healthcare services and enabled smooth data exchange and collaboration between healthcare providers.

DDOS Attack Simulation and Machine Learning Model for Intrusion Detection.

- The most powerful tools, Xerxes and Wireshark, were used to perform the DDoS attack and capture the network traffic, respectively.
- Using the programming language Python, data processing is applied in NSL-KDD Training Dataset.
- Figured the variance of data accuracy of different classification models like decision tree, random forest, Support Vector Machine, etc.

Computer Forensics Investigation - A Case Study

- The computer forensic investigation was done by six computer forensic investigation models and a malware investigation using different methods and various tools.
 - In the classification of volatile and non-volatile data, the forensic tool Autopsy, which is primarily focused on forensic images of computer hard drives, was used for non-volatile data classification.
 - A detailed report that gives recommendations to avoid security flaws in the future.
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PUBLICATION

DDOS Attack Simulation and Machine Learning Model for Intrusion Detection.

- Published in the National Conference on Youth Advanced Computational Convergence (YACC2023)

CERTIFICATES

- Cisco Certified Network Associate
- Autopsy Basics and Hands On (8-Hours)
- Cyber Security Management Virtual Experience Program
- Ethical Hacking (15days)

HANDS ON EXPERIENCE

- ✓ Autopsy
- ✓ FTK Imager
- ✓ Wireshark
- ✓ Nmap

SKILLS

- Strong understanding of security protocols, firewalls, and intrusion detection systems
- Familiarity with network security tools such as Wireshark and Nmap
- Fundamental of OWASP
- Operating Systems: Windows, Linux.

INTEREST

- Networking & Cyber Security
 - Cyber Forensics
 - Cyber threat intelligence
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