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# 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.

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### 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

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### RELEVANT PROJECTS

#### A SECURE HEALTHCARE DATA USING BLOCKCHAIN-TECHNOLOGY

- 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

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### **DDOS Attack Simulation and Machine Learning Model for Intrusion Detection.**

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

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## CERTIFICATES

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### **Cisco Certified Network Associate**

- FITA Academy | September - 2021

### **Autopsy Basics and Hands On (8-Hours)**

- Basis Tech | June - 2020

### **Bridge Course on Cloud Solution Architect**

- IT-ITeS Sector Skill Council NASSCOM | May - 2023

### **Blockchain Evolution and Technology Concepts**

- Coursera | June - 2023

### **Ethical Hacking (15days)**

- Bored Monk | July - 2022

### **Cyber Security Management Virtual Experience Program**

- Anz - Forage | March - 2023

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## HANDS ON EXPERIENCE

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|--------------|-----------------------|
| ✓ Autopsy    | ✓ Nmap                |
| ✓ FTK Imager | ✓ Nessus              |
| ✓ Wireshark  | ✓ Cisco Packet Tracer |

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## SKILLS

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

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## INTEREST

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