

# NAVEEN KUMAR S

Cyber Security Researcher

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## CAREER SUMMARY

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Highly motivated cybersecurity graduate seeking an entry-level position to utilize technical talents and knowledge in securing digital assets and preventing cyber threats. Passionate about continuous learning and eager to explore new developments in the field. Open to relocating for the right opportunity.

## PROFILE & PORTFOLIO

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- [github.com/NAVEEN-S-KUMAR](https://github.com/NAVEEN-S-KUMAR)
- [linkedin.com/in/Naveen-Kumar-Sugumar](https://linkedin.com/in/Naveen-Kumar-Sugumar)

## PROFESSIONAL EXPERIENCE

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### Cyber Security Researcher Intern

Jan 2024 – Jul 2024

Necurity Solutions Pvt Ltd - Chennai

- Conduct comprehensive vulnerability assessments and penetration testing exercises to identify security weaknesses.
- Perform detailed network vulnerability scans, web security assessments, and phishing campaign analyses.
- Generate thorough and professional reports summarizing research findings, assessment results, and actionable recommendations for improvement.
- Monitor dark web to identify potential threats and vulnerabilities related to organizational assets.
- Develop and maintain use cases, correlation rules, and alerts to enhance the detection capabilities of the Security Operations Center (SOC).
- Engage in continuous threat detection activities to identify and respond to potential security incidents promptly

## EDUCATION

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### Masters of Science: Computer Science with Cyber Security

(2021 - 2023)

Rajiv Gandhi National Institute of Youth Development (RGNIYD), Sriperumbudur, Tamil Nadu.

### Bachelor of Science: Computer Science

(2018 - 2021)

Guru Nanak College, Chennai.

## CERTIFICATIONS

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- [Blockchain Ecolution and Technology Concepts](#) | Coursera
- [Bridge Course on Cloud Solution Architect](#) | IT-ITES Sector Skill Council | NASSCOM
- Ethical Hacking (15days) | Bored Monk
- Cisco Certified Network Associate (CCNA) | FITA Academy
- [Autopsy Basics and Hands-On \(8-Hours\)](#) | Basic Tech

## TECHNICAL SKILLS

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**Cybersecurity Tools:** NetExec, CrackMapExec, Angry IP Scanner, Wireshark, Nessus, Nmap, BurpSuite, Metasploit, Autopsy, FTK Imager.

**Security Fundamentals:** Security frameworks like Cyber Kill Chain, CyberSecurity and VAPT.

**Operating Systems:** Windows, Linux, Parrot OS

## NON-TECHNICAL SKILLS

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- Communication (written & verbal)
- Problem-Solving
- Teamwork & Collaboration
- Time Management

## PUBLICATIONS

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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).

## ACADEMIC PROJECTS

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### **Distributed Denial of Service 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. Also, the programming language Python, data processing is applied in NSL-KDD Training Dataset.

### **Computer Forensics Investigation**

- 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.

## VOLUNTEERING

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### **National Service Scheme (NSS)**

2021 – 2023

Participated in various concurrent programs organized under NSS.