

## CYBER SECURITY ANALYST

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### CAREER OBJECTIVE

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BCA graduate with expertise in Ethical Hacking, Vulnerability Assessment, and Penetration Testing (VAPT). Secured 30+ websites by identifying and mitigating critical vulnerabilities. Proficient in tools such as Burp Suite, Kali Linux, and SIEM solutions like Splunk, with hands-on experience in bug bounty hunting, web application security, and network security. Skilled in monitoring, analyzing, and defending network infrastructure to safeguard digital assets against evolving cyber threats.

### SKILLS

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- **Technical Skills:** Nmap, Linux, Metasploit, Penetration Testing, Burpsuite, Splunk, Threat Intelligence, Vulnerability Assessment, Network Security, SQLMap, Hydra, Gobuster, Wireshark.
- **Programming Skills:** Python, HTML, CSS, C++, SQL.

### CYBER SECURITY TECHNICAL SKILLS

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- **Penetration Testing:** Conducted in-depth penetration tests using Kali Linux tools to identify, exploit, and mitigate vulnerabilities in systems and networks.
- **Web Application Security:** Proficient in using Burp Suite, Kali Linux and SQLMap to identify and exploit vulnerabilities in web applications, including SQL injection and XSS.
- **Exploitation Frameworks:** Hands-on experience with the Metasploit Framework for vulnerability identification and exploitation to simulate real-world attacks.
- **Password Security:** Expertise in password testing and cracking techniques with tools like John the Ripper, Hydra, and custom wordlists for robust authentication assessments.
- **Ethical Hacking:** Deep understanding of ethical hacking practices and commitment to continuous learning of emerging tools, vulnerabilities, and techniques.
- **Network Security:** Proficient in network scanning and mapping with Nmap, skilled in traffic analysis using Wireshark, and knowledgeable in TCP/IP to identify and assess threats and vulnerabilities.
- **SIEM and Log Analysis:** Experienced in using Splunk for analyzing security logs, creating correlation rules, and detecting security incidents.
- **Bug Bounty Hunting:** Discovered and reported 30+ vulnerabilities on various platforms, showcasing expertise in identifying security flaws.

### AWARDS / ACHIEVEMENTS

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- Made an AR effect and won 300 USD in the **Meta** Spark Worlds competition, securing a position out of the top 500 globally.
- Recognized in **NASA's** Hall of Fame and awarded two Letters of Recognition for reporting critical vulnerabilities
- Earned a Letter of Recognition from the **U.S. Department of Homeland Security** for identifying and reporting a high-severity vulnerability.
- Recognized by **Google** with two awards for reporting P4-level vulnerabilities, demonstrating proficiency in identifying and documenting security issues.

### BUG BOUNTY

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- **Hall of Fame:** NASA, DHS, BIA, FHFA, USAGM, RMIT, Unilever, Rakuten, Monash University, CIGIE, FRTIB, EXIM, Inter-American Foundation, Bureau of Land Management, U.S. Geological Survey.
- **Vulnerability:** Google, AWS, Uber, DoD, Blackbaud, NBA, LandRover, Jaguar, Traffic Junky, Entain, Upwork, Northwestern Mutual.

## VIRTUAL INTERNSHIP

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### Tata Cybersecurity Virtual Simulation — Forage

- Led risk assessments and security audits, identifying vulnerabilities in infrastructure and software, and providing action plans for improvement.
- Utilized penetration testing tools (Burp Suite, Nmap) to conduct network and web application security assessments.
- Assisted in incident response, analysing and containing breaches and improving organisational security resilience.
- Developed comprehensive cybersecurity documentation for organizational security policies, ensuring alignment with industry regulations.
- Enhanced cloud security configurations (AWS IAM, S3), optimizing access controls and reducing exposure to cyber threats.

## CERTIFICATION

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- Certified Ethical Hacker v13
- Introduction to Cybersecurity
- Introduction to Ethical Hacking
- Ethical Hacking Associate
- Android Bug Bounty Hunting
- CompTIA Security+ (SY0-601)
- Cisco Network Security
- C++ Programming
- Tata Cybersecurity Security

## EDUCATION

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### Bachelor of Computer Application — Kannur University

2020 - 2023

- Specialization in Computer Applications and Software Development.
- Built problem-solving skills using algorithms, which are essential for creating efficient software and understanding system performance.

## LEADERSHIP TEAMWORK

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### Volunteer, Student Police Cadet (SPC), — Kerala Police

Jun 2018 - Dec 2020

Gained leadership, teamwork, and public safety skills through active participation in the Student Police Cadet program, demonstrating discipline and community engagement.

## DECLARATION

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I hereby declare that the information furnished above is true to the best of my knowledge and belief.

**SRINATH K K**