

HITHAISHI S P

Cybersecurity Analyst | MCA Student

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📍 Bangalore, Karnataka, India

SUMMARY

Aspiring Cybersecurity Analyst with a strong foundation in ethical hacking, network security, and incident response. Hands-on experience through cybersecurity internship projects, including ransomware detection systems, phishing website detection using ML, and AWS-based secure environments. Skilled in SIEM monitoring, phishing analysis, malware behavior simulation, and risk assessment. Proficient with Python, security tools, and cloud platforms, with a passion for threat detection, SOC operations, and cyber defense.

EXPERIENCE

Cybersecurity Intern

RankBook Learning & Software Solutions Pvt Ltd

02/2025 - 03/2025 Mysore, Karnataka

- Gained hands-on experience in ethical hacking, reconnaissance, and cyber defense tools (e.g., Zphisher, Sublist3r, Phonesploit).
- Performed phishing simulations, OSINT-based information gathering (Google Dorking), and alert analysis, contributing to threat intelligence documentation. Exploring DarkWeb at Tor Browser & Research onion sites.
- Assisted in deploying secure test environments on AWS, performing IAM policy audits and resource monitoring.
- Applied Cyber Kill Chain methodology to design and test defensive measures, including firewall tuning, WAF configurations, and DDoS mitigation strategies.
- Drafted risk assessment reports mapped to PCI DSS, HIPAA, NIST, and GDPR, improving compliance awareness for the team.

User Experience Intern

Sarvamatre International Pvt.Ltd

03/2023 - 05/2023 Remote

- Conducted research on filtering systems of major e-commerce platforms
- Created structured datasets for UI optimization
- Designed and implemented filters for internal B2B web platform to enhance user navigation.
- Coordinated with team and documented detailed findings and reports demonstrating vigilance and accuracy

EDUCATION

Masters of Computer Application

Chanakya University

10/2025 - 03/2027 Bangalore, Karnataka

Bachelor of Computer Application

Jnana Vikas Institute of Management Studies & Commerce

09/2022 - 06/2025 Bidadi, Karnataka

Senior Secondary (PU/PCMB)

Universal PU College (KSSEB)

Secondary School (SSLC)

Jnana Bandhu Vidyalaya (KSSEB)

TECHNICAL SKILLS

Programming Languages: Python, Java, C, HTML, CSS, SQL

Cybersecurity Tools: Wireshark, Nmap, Burp Suite, Nessus, Metasploit, Hashcat, Netcat, Recon-ng, Sublist3r, Zphisher, Phonesploit

Security Concepts: Vulnerability Management, Penetration Testing, Network Security, SIEM Monitoring, Threat Intelligence, Malware Analysis, Incident Response, IDS/IPS, IAM, Web Application Security (OWASP), MITRE ATT&CK, Dark Web, GRC Compliance

Operating Systems: Windows, Linux (Kali, Ubuntu)

Others: MySQL, Git/GitHub, AWS, VirtualBox, VMware, Google Workspace, Azure, Microsoft Office & sentinel, Splunk, Streamlit

PROJECTS

Final Year Project: Ransomware Simulation and Detection System

04/2025 - 05/2025

URL

- Simulated ransomware behavior to study attack vectors and built a Python-based detection engine.
- Designed monitoring logic to detect abnormal encryption patterns in real time, triggering automated alerts.
- Developed automated backup and recovery features to cloud/local directories, reducing potential data loss.
- Integrated a GUI (PyQt5) for usability and streamlined alert visualization.
- Conducted incident detection, triage, and analysis, creating sample SOC workflows and documenting remediation steps for security teams.
- Applied results to improve threat intelligence and security automation knowledge.

Mini Project: Phishing Website Detection using URL Features

12/2024 - 02/2025

URL

- Developed a phishing website detection system using machine learning models (Scikit-learn) to classify malicious URLs.
- Engineered URL-based features (length, special characters, domain properties, HTTPS usage, etc.) and trained models on fresh phishing and benign datasets.
- Built an interactive Streamlit web app for real-time classification and visualization of phishing attempts.
- Applied data preprocessing, feature engineering, and model evaluation techniques, achieving high accuracy in phishing site detection.
- Strengthened skills in Python, Pandas, Scikit-learn, and security-focused ML applications.

CERTIFICATIONS

Cybersecurity Internship Certificate – RankBook

Learning & Software Solutions Pvt Ltd

Oracle Cloud Infrastructure 2025 Certified

Foundations Associate, Oracle

Comptia security+, Dion Training (Pursuing)

Cisco Certificate in Ethical Hacking, CISCO

Networking Academy

Google UI/UX Design, Coursera

Front-End Development, Coursera

HOBBIES & INTERESTS

Hobbies:

Cricket, Volleyball, Traveling, exploring nature,
Watching anime

Interests:

Cybersecurity trends, Digital forensics, Audits,
Ethical hacking, Cloud security, Penetration
testing, CTF