

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 and academic projects, including ransomware detection systems and phishing website detection using machine learning. Skilled in SIEM monitoring, phishing analysis, malware behavior simulation, and risk assessment, with working knowledge of basic cloud security concepts on AWS. Proficient in Python, security tools, and Linux environments, with a strong interest in 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 and reconnaissance using tools such as Zphisher, Sublist3r, and Phonesploit in controlled lab environments.
- Conducted phishing simulations and OSINT-based information gathering (Google Dorking), and assisted in basic alert analysis contributing to threat intelligence documentation.
- Performed exploratory research on Dark Web concepts using the Tor Browser, focusing on understanding onion services and threat actor activity patterns.
- Understood in documenting risk assessment findings and mapping identified risks to common compliance frameworks such as PCI DSS, HIPAA, NIST, and GDPR.

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 (Scikit-learn) to classify URLs as phishing or legitimate.
- Performed URL-based feature engineering, including URL length, special characters, domain structure, HTTPS usage, and entropy analysis.
- Trained and evaluated a Random Forest classifier on phishing and benign URL datasets, achieving 99.5% accuracy on offline validation datasets.
- Built an interactive Streamlit web application for real-time URL analysis, risk categorization, and feature-based explanation.
- Implemented data preprocessing, model evaluation, and explainability techniques, strengthening skills in Python, Pandas, Scikit-learn, and security-focused machine learning.

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