# HITHAISHI S P

## Cybersecurity Analyst | MCA Student

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## 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