

Syed Mohammad Shahid Ali

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EDUCATION

Vellore Institute of Technology, Bhopal	8.83 CGPA
<i>Bachelor of Technology in Computer Science, Specialization in Cyber Security and Digital Forensics</i>	<i>2022 – 2026</i>
FIITJEE	92.5 %
<i>Class 12 - TSBIE</i>	<i>2022</i>
Hyderabad Public School, Kadapa	92 %
<i>Class 10 - ICSE</i>	<i>2020</i>

TECHNICAL SKILLS

Languages: C/C++, Python, SQL (MySQL, OracleDB), bash, JavaScript, HTML/CSS, Java
Cyber Security: OSINT, CTFs, Penetration Testing, Digital Forensics, Log Analysis, Malware analysis, SIEM, GRC
Cyber Security Tools: Nmap, Splunk, Wireshark, Metasploit, Snort, ATT&CK, Volatility, netcat
Developer Tools: AWS, Git, Docker, VS Code, Jenkins CI/CD, Eclipse, Maven

PROJECTS

Threat Detection Engine <i>Python, bash, OSINT, YARA, regex, ExifTool, ELK</i>	Sept. 2025 – Ongoing
<ul style="list-style-type: none">I am currently working on developing a threat detection engine, to detect potential threats based on IOCs and signature matching.The plan includes three primary segments, detecting Phishing campaigns, Malware, and exploits. If a suspicious mail is reported, extract the fields using regex and perform comparative analysis against known IOCs.If a macro file is found in the mail, a python script will run static analysis on it, to determine if it is malicious. The later stages of development aim at detecting malware in a live host in the network.The goal is to develop a context-rich threat detection engine, a telemetry collection system and custom correlation rules to identify advanced attack chains.	
Formal Crop Help System <i>React, ML, Leaflet JS, OpenWeather API</i>	Dec. 2024 – April 2025
<ul style="list-style-type: none">Developed a Map Interface that fetches live weather data from Open Weather APIIncorporated an ML model to process the NPK, temperature, humidity and rainfall to predict the suitable crop.The Web App inputs the weather and soil data fetched through the API, and recommends the suitable crop for the selected region.	

CERTIFICATIONS

IBM DevOps	April 2025
<i>Issued by</i>	<i>IBM</i>
<ul style="list-style-type: none">Listed below are the courses I completed in this CertificationDevOps FundamentalsDevops, Agile & Design ThinkingAgile Methodologies	

ACHIEVEMENTS

- * Security Engineer Certificate on TryHackMe
- * Currently working through the Penetration tester Path on HackTheBox, aiming to prepare for the CPTS Exam on HTB
- * Completed #100DaysOfCyberSecurity under the #GVishwanathan Challenge
- * Top 3% on TryHackMe
- * Worked through the Security Engineer and SOC Level 1 paths on TryHackMe