

MUSHARAF MAQBOOL



Education

National Institute of Technology, Srinagar

Bachelor of Technology in Information Technology

– CGPA: 3.45 / 5.0

Nov 2022 – June 2026

Srinagar, Jammu and Kashmir

Government Boys Higher Secondary School, Handwara

Higher Secondary (Science - PCM)

– Percentage: 80.1% (Class 12th)

Feb 2018 – Feb 2020

Handwara, Jammu and Kashmir

New Millennium School, Handwara

Secondary School (Class 10th)

– Percentage: 76.5% (Class 10th)

Completed in 2018

Handwara, Jammu and Kashmir

Experience

Ministry of Electronics and IT (MeitY) – CDAC Noida

Jan 2025 – Feb 2025

Cybersecurity Intern

Onsite

- Worked on threat intelligence automation using MISP and OSINT feeds such as VirusTotal and AlienVault OTX.
- Correlated Indicators of Compromise (IOCs) in STIX 2.0 format with vulnerabilities (CVEs) using NVD and Nessus scan data.
- Visualized threat-vulnerability relationships using Elasticsearch and Kibana for real-time security analysis.

MISP Project - Open Source Contribution

Dec 2024 – Jan 2025

Open Source Contributor

Remote

- Contributed to MISP (Malware Information Sharing Platform) by fixing NIDS export email duplicates and implementing database export malware warnings.

Projects

Threat Intelligence Correlation Platform | MISP, STIX 2.0, NVD API, Elasticsearch, Kibana, Python, Nessus



- Developed a system to correlate IOCs from MISP with CVEs from NVD and Nessus scan results.
- Integrated VirusTotal and AlienVault OTX for automated IOC enrichment within MISP.
- Visualized threat-vulnerability correlation using Elasticsearch and Kibana dashboards.

QR Code Restaurant Menu Generator | HTML, CSS, JavaScript, QR Code API



- Developed a web application that generates QR codes for restaurant menus, enabling contactless dining experiences.
- Implemented dynamic menu creation with customizable categories, items, and pricing using vanilla JavaScript.
- Integrated QR code generation API to create scannable codes that link directly to digital menus.

Technical Skills

Languages: C, Java, C++, JavaScript, Python, SQL, HTML, CSS

Technologies/Frameworks: React.js, Node.js, Express.js, MongoDB, JWT

Cybersecurity Tools: MISP, Nessus, Elasticsearch, Kibana, VirusTotal API, AlienVault OTX

Developer Tools: VS Code, Git, GitHub, Linux (Ubuntu), Hadoop, Jupyter Notebook

Relevant Coursework

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|-------------------------------|---------------------|-------------------------|---------------------------|
| – Data Structures | – Operating Systems | – Programming Languages | – Artificial Intelligence |
| – Algorithm Analysis | – DBMS | – MERN Stack | – Software Engineering |
| – Object Oriented Programming | – Mathematics | – Computer Networks | – Web Development |

Leadership / Extracurricular

- * Co-lead of **Rang-e-Chinar** and **Tech-Veganza** outreach team, showcasing leadership, event management, and team coordination skills.
- * Demonstrated strong interpersonal and communication abilities by leading cross-functional teams and engaging with diverse stakeholders.
- * Actively participated in organizing cultural and technical fests, enhancing decision-making and problem-solving skills under tight deadlines.
- * Personal interests include watching anime, reading manga, playing cricket, and exploring emerging technologies.