

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

Cybersecurity Intern

Jan 2025 – Feb 2025

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.

Projects

K-WEB – Cultural Tourism Platform | *MongoDB, Express, React, Node.js, JWT*



- Built a full-stack platform to promote Kashmiri culture, showcasing cuisine, traditions, artifacts, and destinations.
- Implemented hotel booking, recipe browsing, and artifact purchasing with secure user authentication.
- Used REST APIs and role-based routing for dynamic content rendering and smooth user experience.

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.

NivroCorp Company Website | *HTML, CSS, JavaScript*



- Designed and deployed a responsive static website for the startup nivrocorp.com.
- Built clean, accessible layouts with smooth navigation and cross-device compatibility.
- Optimized performance and ensured consistency across major browsers.

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

- Worked as a Chemistry Expert at **FILO** and a Subject Matter Expert at **Chegg**.
- Personal interests include watching anime, reading manga, playing cricket, and exploring emerging technologies.