Musharaf Maqbool

Phone: +91-6006997908 | Email: musharafmaqbool06@gmail.com
LinkedIn: linkedin.com/in/musharafmaqbool06 | GitHub: github.com/musharafmaqbool
Portfolio: musharafmaqbool.netlify.app

Technical Skills

Programming Languages: C, C++, Java, Python, JavaScript, SQL, HTML, CSS
Web Technologies: React.js, Node.js, Express.js, MongoDB, JWT Authentication
Cybersecurity Tools: MISP, Nessus, Elasticsearch, Kibana, VirusTotal API, AlienVault OTX, STIX 2.0
Development Tools: VS Code, Git, GitHub, Linux Ubuntu, Hadoop, Jupyter Notebook
Database Technologies: MongoDB, SQL, Elasticsearch
Operating Systems: Linux Ubuntu, Windows

Professional Experience

Cybersecurity Intern   January 2025 – February 2025
Ministry of Electronics and IT (MeitY) - CDAC Noida   *Noida, India*

– Automated threat intelligence using MISP platform with OSINT feeds from VirusTotal and AlienVault OTX
– Correlated STIX 2.0 IOCs with CVE vulnerabilities using NVD API and Nessus scan data integration
– Created Elasticsearch and Kibana dashboards for real-time threat-vulnerability visualization
– Enhanced threat detection capabilities by 40% through automated IOC enrichment and correlation processes

Open Source Contributor   December 2024 – January 2025
MISP Project   *Remote*

– Fixed critical NIDS export email duplication issues and implemented malware warning systems
– Collaborated with international development team using Git and agile methodologies

Projects

Threat Intelligence Correlation Platform | *Python, MISP, STIX 2.0, NVD API, Elasticsearch, Kibana*   2025
– Engineered automated IOC-CVE correlation system using MISP, STIX 2.0, and NVD API
– Integrated VirusTotal and AlienVault OTX APIs for real-time threat intelligence gathering
– Built Elasticsearch and Kibana dashboards processing 10,000+ security indicators daily with 95% accuracy

QR Code Restaurant Menu Generator | *HTML, CSS, JavaScript, QR Code API*   2024
– Developed responsive web application generating QR codes for contactless restaurant dining experiences
– Implemented dynamic menu creation with customizable categories using vanilla JavaScript
– Integrated QR code generation API with mobile-first design and cross-browser compatibility

Education

Bachelor of Technology in Information Technology   November 2022 – June 2026
National Institute of Technology Srinagar   *Srinagar, Jammu and Kashmir*

– CGPA: 8.6/10.0 (3.45/5.0)
– Relevant Coursework: Data Structures and Algorithms, DBMS, Computer Networks, Operating Systems, Software Engineering, Artificial Intelligence

Higher Secondary School Certificate (Science - PCM)   February 2018 – February 2020
Government Boys Higher Secondary School Handwara   *Handwara, Jammu and Kashmir*

– Percentage: 80.1% in Physics, Chemistry, Mathematics

Leadership and Extracurricular

- Co-lead of Rang-e-Chinar and Tech-Veganza outreach teams, demonstrating leadership and event management skills
- Successfully organized cultural and technical festivals with cross-functional team coordination
- MISP Project Open Source Contributor with merged pull requests for security enhancements