Syed Abdul Mateen

Aspiring Python Developer | AI & Cybersecurity Enthusiast

Final-Year B.Tech CSE Student – ICFAI Tech Hyderabad

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SUMMARY

Final-year B.Tech CSE student at ICFAI Tech Hyderabad focused on building production-level AI + cybersecurity tools. Experienced in developing Python-based applications for threat detection, real-time process tracking, and data leak risk assessment. Built and tested systems to monitor 1000+ system events, detect suspicious behavior, and verify file integrity. Actively deploying tools that combine automation, risk scoring, and report generation to address real-world security use cases.

SKILLS

Programming & Tools:

Python • Scikit-learn • OpenCV • Flask • Streamlit • ReportLab • psutil • win10toast • YAML • Git • GitHub

Cybersecurity & AI:

Threat Detection • File Integrity Monitoring • Real-time Process Tracking • Prompt Engineering •
AI for Security • Basic ML Models

Soft Skills:

Communication • Technical Writing • Incident Response Coordination • Root Cause Analysis

EDUCATION

IFHE University

B-Tech CSE

Narayana jr. college

MPC

Shishu vihar high school

SSC Board

CAREER OBJECTIVE

To secure a role in AI-driven cybersecurity where I can build intelligent defense tools, automate threat detection, and contribute to safer digital systems. Currently focused on deploying real-world security solutions using Python, AI, and automation.

LANGUAGES

English • Telugu • Hindi • Urdu • Arabic

ONLINE PROFILES

GitHub: https://github.com/Syed-Abdul-Mateen
LinkedIn: https://www.linkedin.com/in/syed-abdul-mateen-2-8-4-/

CORE PROJECTS

1. **AI-Driven Real-Time Cyberattack Detection System**(Python, Scapy, NetworkX, Flask, ReportLab)

- Detected live cyber threats from 1000+ packets/min using Scapy
- Auto-generated PDF reports for 20+ anomalies via Flask dashboard

2. **Suspicious Process Activity Detector**(Python, psutil, Tkinter, YAML, win10toast)

- Auto-killed 40+ blacklisted processes using psutil & custom rule engine
- Added GUI + rule toggles, improving manual review time by 50%

3. **AI Resume Screener**(Python, LangChain, OpenAI API, Streamlit)

- Reduced screening time by 70% via AI-based resume scoring
- Analyzed 50+ resumes with real-time results on Streamlit UI

4. **Endpoint Ransomware Behavior Analysis Engine**(Python, Scikit-learn, psutil, JSON)

- Simulated ransomware and profiled 30+ encryption behaviors
- Logged risky patterns and isolated processes using ML logic

5. **System Log Anomaly Detection Framework**(Python, Pandas, Matplotlib, IsolationForest)

- Analyzed 10K+ log entries to detect anomalies with Isolation Forest
- Visualized risk clusters, cutting incident triage time by 60%

6. **Insider Threat Behavior Detection System**(Python, Time-Series Analysis, Heatmaps)

- Flagged suspicious user activity using time-series patterns
- Generated heatmaps highlighting access misuse trends

7. **Data Leak Risk Assessment Toolkit**(Python, Regex, Logging)

- Scanned directories & flagged 30+ leak patterns with 90% accuracy
- Generated risk scores using regex heuristics & log analysis

8. **File Integrity Verification & Alert System**(Python, Hashlib, CLI)

- Verified 500+ files using hash comparison; flagged tampered ones
- Triggered alerts within 2 sec/file via lightweight CLI tool