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

KEYWORDS

Python, AI Security, Threat Detection, Cybersecurity, Flask, Streamlit, Prompt Engineering, NetworkX, Process Monitoring, File Integrity, Resume Screening, ML, Git, GitHub

CORE PROJECTS

- **AI-Driven Real-Time Cyberattack Detection System** (Python, Scapy, NetworkX, Flask, ReportLab)
  - Captured and analyzed 1000+ network packets per minute to detect live cyber threats
  - Generated automated PDF reports for 20+ detected anomalies using Flask & ReportLab
- **AI Resume Screener** (Python, LangChain, OpenAI API, Streamlit)
  - Reduced manual shortlisting effort by 70% with AI-powered resume screening
  - Screened 50+ test resumes and delivered real-time fit analysis via Streamlit dashboard
- **Suspicious Process Activity Detector** (Python, psutil, win10toast, Tkinter, YAML)
  - Identified and auto-terminated 40+ blacklisted processes in real-time across sessions
  - Enabled log visualization and toggleable rules, improving manual review time by 50%
  - Built custom rule engine for process classification, enabling easier policy control for security teams.
- **File Integrity Verification System** (Python, Hashlib, CLI)
  - Scanned 500+ files to detect unauthorized changes using hash comparison
  - Logged and flagged tampered files within 2 seconds per file (avg.)
- **Data Leak Risk Assessment Toolkit** (Python, Regex, Logging)
  - Flagged 30+ high-risk data patterns in simulated leak environment
  - Generated leak risk score reports with over 90% match accuracy using regex
  - Designed modular pipeline to scan file systems and evaluate leakage vectors using regex heuristics.

ONLINE PROFILES

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