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EDUCATION

SKIT, JAIPUR

B. Tech Information Technology

2022-2026

CGPA - 7.8

EXPERIENCE

Cyber Security Intern 🔗

Rajasthan Police Headquarters

August 2024 - September 2024

Jaipur, Rajasthan

- Assisted in the development of tools for analyzing and detecting malicious files, focusing on PDF-based threats..
- Applied Python and web technologies to create security-focused utilities for internal use.
- Collaborated with the cybersecurity team to understand threat vectors and improve detection methodologies.

PROJECTS

PDF malware detection tool 🔗 | HTML, CSS, Python, Flask

- **Developed** a lightweight, web-based tool to detect **malicious content in PDF** files using Python and Flask
- **Built a parser** to detect embedded JavaScript, suspicious elements, and potential threats in uploaded PDF files.
- **Designed** a user-friendly interface with real-time analysis feedback, improving threat visibility and ease of use.
- **Tested** against multiple malicious samples, achieving accurate detection with minimal false positives.

YouTube Video Downloader 🔗 | Python, Tkinter, pytube

- **Developed** a desktop application enabling users to download **YouTube videos** in various resolutions and formats
- **Designed** an intuitive graphical user interface using Tkinter, enhancing user experience and accessibility.
- **Integrated** the **pytube library** to handle video fetching and downloading, ensuring reliable performance.

SKILLS

- **Languages:** C, C++, Python , HTML, CSS, JS
- **Frameworks and Libraries:** ReactJS, NodeJS
- **DataBases:** MySQL
- **Tools:** Git, GitHub, Linux OS