SARTHAK JAIN

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Education

VIT Bhopal University — Bhopal, Madhya Pradesh
BTech — Expected May 2026
Major in Artificial intelligence & machine learning — Cumulative GPA: 8.52/10

12th Standard
MODERN PUBLIC SCHOOL — Shalimar Bagh, Delhi
Percentage : 84% — July 2022

10th Standard
MODERN PUBLIC SCHOOL — Shalimar Bagh, Delhi
Percentage : 85% — July 2020

Projects

Detoxify NLP Model — **Jan 2025 – Present**

- Developing an NLP model to identify and detoxify toxic language in online communication platforms, fostering a healthier digital environment.
- Implemented text preprocessing techniques such as tokenization, stemming, and lemmatization to prepare data for toxicity analysis.
- Leveraging pre-trained models like BERT and fine-tuning them for the specific task of toxic word detection and replacement.

Keylogger Web Application — **Feb 2024 – Aug 2024**

- Designed a sophisticated keylogger that tracks keystrokes across all applications on a system, logging them into a secure text file for monitoring.
- Enabled functionality to track user activities such as browsing history, email content, and text-related operations, offering detailed insights into system usage.
- Built the web interface using Flask, HTML, and CSS, allowing seamless monitoring and customization of logging preferences with an intuitive and secure design..

ADDITIONAL

Technical Skills: Python(openCV), C/C++, HTML, CSS, flask, MySQL, DSA in C++, Microsoft Excel

Extra-Curricular Activities:

- Participated in dark pattern buster hackathon 2024.
- Participated in SNAPCHAT lens creator event and was considered as creative lens developer.
- Participated in 'ROBOTHON2.0' Hands-on workshop (VIT Bhopal), workshop on data analysis hosted by Data Science Club (VIT Bhopal).

Languages: Fluent in Hindi, English

Certifications & Training: Cyber Security in online social media by NPTEL (Apr 2024), MATLAB Onramp by MathWorks(Oct 2022), Image Processing Onramp by MathWorks(Oct 2022)