ADITYA CHECHANI

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Education

Vellore Institute of Technology   **Sep. 2021 – Present**
Bachelor of Technology in Computer Science and Engineering   *Bhopal, Madhya Pradesh*

Projects

ANPR System | Python, cv2, tf
- Developed an ANPR system to automatically extract and recognize license plate information from images
- Utilized Python, OpenCV, and deep learning techniques for image processing and pattern recognition
- Successfully collected, cleaned, and preprocessed a diverse dataset of license plate images, ensuring data quality and integrity for accurate recognition
- Achieved an impressive **89%** in recognizing license plates from images

Stock Price Prediction Using Sentiment Analysis | Python, sci-kit learn, nltk
- Made a machine learning model using python to predict stock price using news headlines
- Implemented sentiment analysis on the top 25 news headlines over 8 years of data
- Used supervised learning for Natural Language Processing
- Achieved an accuracy of **83%** correctly predicted stock prices

Technical Skills

- **Databases:** Oracle, MySQL, Azure
- **Programming Languages**: Python, Java, SQL, C, C++
- **Other Tools:** Apache Hadoop, Apache Spark, Power BI

General Skills

- Machine Learning
- Data Visualizations
- Data Structures and Algorithms
- Data Analysis

Hobbies & Interests

- Playing guitar
- Skating
- Reading