

# ZAHERA SAIYED

AI/ML DEVELOPER

## ABOUT ME

Experienced AI/ML Developer skilled in both front-end and back-end development, specializing in Natural Language Processing (NLP) and deep learning. Proficient in Python libraries such as scikit-learn, TensorFlow, and Keras, with a strong focus on data preprocessing for insightful analysis. Capable of designing and implementing cutting-edge solutions to address complex challenges across diverse domains.

## EDUCATION

### SARVAJANIK COLLEGE ,GUJARAT-BTECH

2021 - 2025

Grades in 1st year : 9.33 SPI

Grades in 2nd year : 9.55 SPI

Grade in 3rd year : 10.00 SPI

6th semester ongoing

### HMB SARDAR SCHOOL,GUJARAT- 10TH STD,12TH STD

Marks secured : 97.17

percentile(10th std)

Marks secured : 87.19

percentile(12th std)

## PROJECTS

### **Study Planner – Machine Learning Model**

Developed a personalized study planner application utilizing linear regression techniques.

Gathered and analyzed data on study habits, subject difficulty levels, and personal proficiency.

Integrated features for user input of study schedule and subject details.

### **FIR Analysis for predicting IPC Sections-Machine Learning Model**

Utilized TensorFlow and BERT architecture for sequence classification.

Preprocessed and tokenized FIR descriptions and offenses.

Trained and evaluated the model using TensorFlow, achieving high accuracy.

Deployed the model for efficient legal categorization of FIRs.

Achievements: Developed a robust system for accurate legal categorization of FIRs, enhancing law enforcement efficiency.

### **Malicious URL detection- Cybersecurity**

Developed an advanced system using machine learning to detect malicious URLs.

Implemented real-time scanning for identifying harmful links in web traffic.

Achieved high accuracy in malicious URL classification, enhancing cybersecurity measures

Skills Demonstrated: Cybersecurity principles and threat detection.

### **Automatic NumberPlate Generator-Computer Vision**

Designed and executed a project involving the development of an Automatic Plate Number Generator using Python, YOLOv3, and EasyOCR, showcasing proficiency in computer vision and object detection techniques.

### **E-Commerce Website(KMart) -Web development**

Developed a E-commerce website including different categories of korean products using HTML,CSS,javascript.

## SKILLS

- Python developer
- AI/ML developer
- Data Science
- Android developement
- Web development
- Leadership skill
- Communication Skill
- Project management
- CyberSecurity

## PROGRAMMING LANGUAGES

- Python
- C/C++
- HTML
- CSS
- Javascript
- Xml
- SQL

## LANGUAGES

- English
- Hindi
- Gujarati



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