

HARSHITA TRIPATHI

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Education

APJ Abdul Kalam Technical University

- Bachelor Of Technology (C.S.E.)

2027
(expected)

Board Of Technical Education, Uttar Pradesh

- Diploma (C.S.E.)

2024

A.D Govt. Girls Inter College, India

- UP (Class XII)

2022

Skills

- React JS
- JavaScript
- Redux
- Node JS
- Express
- Mongo DB
- PHP
- JAVA
- HTML
- CSS
- Tailwind CSS
- Bootstrap
- Git / GitHub

Projects

Text Emotion Detection

Developed a Machine Learning based Model to classify emotions from text using NLP Techniques.

- Technologies: **Python, Machine Learning, NLP, NLTK, Scikit-learn, Pandas, TF-IDF, Matplotlib**
- Use **TF-IDF** and **Scikit-learn** to train models for detecting emotions like Joy, Anger and Sadness.
- Achieved accurate prediction through preprocessing and model evaluation.

Library Management System

Built a web based system to manage book records, issue and return operations.

- Technologies: **HTML, CSS, Bootstrap, PHP, MySQL**
- Improved system efficiency by automating manual library processes and maintaining accurate digital records.
- Added search functionality to quickly find books.

EduTechExplorers

This is a local home tutor and children finding website.

- Technologies: **HTML, CSS, Bootstrap**
- I make only frontend of this website.
- Displays all the details of local home tutor and children.

Chatty

This is a real-time chatting application.

- Technologies: **Android Studio, JAVA, Firebase**
- Designed a mobile-friendly user interface for seamless chat experience.
- Ensured smooth performance and reliable message delivery across devices.

Calculator

This is **Calculator mobile application** for performing operations on whole numbers .

- Technologies: **Android Studio, JAVA**
- Designed a **user-friendly and responsive interface** for smooth usability on mobile devices.
- Implemented **basic arithmetic operations**: addition, subtraction, multiplication, and division.

CERTIFICATIONS

- Summer Training Program 2025 in Machine Learning
- Android Application Development Training (Android with Java)