**ADITYA YADAV**

Email: official.aditya8787@gmail.com | Phone:+91-8787081687

LinkedIn: <https://www.linkedin.com/in/aditya-yadav-63b550327> GitHub: https://github.com/aditya01415

# Education

B.Tech in Computer Science and Engineering

ABES Engineering College , Ghaziabad

2024 - 2028 | Current Year: 2nd Year **Skills**

**Programming:** Python, JavaScript, HTML, CSS, Tailwind CSS

**Machine Learning:** Regression, Classification, Clustering, PCA, Ensemble Methods, Feature Engineering

**Frameworks & Tools:** Flask, Streamlit, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, SHAP **Database:** SQLite

**MLOps & Deployment:** MLFlow, DagsHub, BentoML, Docker (Basics), Git/GitHub

**Other:** Data Visualization, EDA, Logging, Multithreading, Memory Management, API Integration

## PROJECTS

### Forest Fire Prediction Web App

* Built using Ridge Regression to predict fire weather index based on environmental parameters.
* Deployed via Streamlit with user-friendly interface.

**Wellness Package Purchase Prediction**

* Developed a classification model using Random Forest to predict if a customer will purchase a wellness package.
* Implemented SHAP for model explainability.

### Student Performance Analysis

* Analyzed student exam performance based on socio-demographic and educational factors.
* Performed EDA, visualizations, and statistical analysis to find patterns affecting performance.

**Tic Tac Toe Game**

* Created an interactive Tic Tac Toe game with HTML, CSS, and JavaScript.

### Weather Prediction App

* Developed a real-time weather prediction web app using OpenWeather API.
* Displays live weather data such as temperature, humidity, and conditions for any searched city.

### Razorpay Clone

-Developed a responsive frontend clone of Razorpay using HTML, Tailwind CSS, and JavaScript.

-Replicated UI components, layouts, and design system to closely match the original website.