

# MAHIMA GUPTA

Aliganj, Lucknow

☎ 8604414440

✉ [mahimagupta0019@gmail.com](mailto:mahimagupta0019@gmail.com)

🌐 [linkedin.com/in/mahima-gupta19](https://www.linkedin.com/in/mahima-gupta19)

🐙 [github.com/mahimagupta](https://github.com/mahimagupta)

## Education

**Bansal Institute of Engineering and Technology**

*Bachelor of Technology in Computer Science*

**Sep. 2020 – August 2024**

*Lucknow, UttarPradesh*

## Relevant Coursework

- Data Structures
- Machine Learning
- Python with Django
- HTML,CSS,JS
- Data Science
- Database Management
- Python with Tkinter
- Statistics

## Experience

**SoftPro India Computer Technologies (p) Ltd.**

**July 2023 – September 2023**

**Data Science Intern**

*Lucknow, UttarPradesh*

- Acquired hands-on experience in a professional software development environment at Softpro India Technology (P) .Ltd.
- Actively contributed to real-world projects, demonstrating practical application of theoretical knowledge and collaboration within a team.
- Enhanced technical skills in programming languages, frameworks, and other relevant tools, along with the development of non-technical skills like communication and problem-solving..

## Projects

**TMBU- Library Management System** | *Python Django,sqlite3 , HTML,CSS,JS*

**September 2023**

- Through the implementation of this system, students and educators can access, manage, and collaborate on academic resources and coursework efficiently.
- By leveraging modern learning tools, the project contributes to a technologically advanced educational environment.
- Focused on user experience, the TMBU LMS project prioritizes a user-centric design to ensure accessibility and ease of use for both students and faculty.
- This emphasis on user experience fosters an environment conducive to effective online learning and academic management.

**Car Price Prediction** | *pandas, Numpy, Matplotlib, Machine Learning ,Scikit-Learn*

**December 2023**

- Collect and pre-process a comprehensive dataset with relevant features like make, model, year, mileage and fuel type.
- Choose a suitable regression algorithm (e.g., linear regression, decision trees, random forests) for predicting car prices.
- Split the dataset into training and testing sets, train the model, and fine-tune hyperparameters using tools like Scikit-Learn.
- If satisfactory, deploy the model for predictions, considering tools like Docker for ease of deployment and reproducibility. Regularly update and retrain the model with new data.

**Whiteboard** | *python , Tkinter, HTML*

**August 2023**

- Utilize the Tkinter Canvas widget to create a drawing area for the whiteboard.
- Design a toolbar using Tkinter frames and buttons to provide users with a selection of drawing tools, such as a pen, shape ,and color picker.
- Implement event handlers to capture mouse movements and clicks for responsive drawing functionality.

## Technical Skills

- ❖ **Languages:** Python, Java, HTML/CSS, JavaScript, SQL,Django.
- ❖ **Developer Tools:** VS Code, Collab, Notepad.
- ❖ **Technologies/Frameworks:** jupyter, Tkinter, Django, Pandas ,Statistics.

## Achievement / Certificate

**Best Performance Award**

**Summer 2023**

*Softpro India*

**Best Speaker Award**

**Summer 2023**

*Softpro India*