HIMANSHU SINGH

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Education

Galgotia College of Engineering and Technology　　　　　　　　　　　2020 – 2024
Bachelor of Technology in Computer Science and Engineering(AI): CGPA: 7.81　　*Greater Noida, Uttar Pradesh*

Maa Durga Ji Vidyalaya　　　　　　　　　　　2018 – 2019
10+2(PCM): Percentage: 89.6　　*Jaunpur, Uttar Pradesh*

Maa Durga Ji Vidyalaya　　　　　　　　　　　2016 – 2017
High School: CGPA: 9　　*Jaunpur, Uttar Pradesh*

Projects

Symptom based disease prediction using Machine Learning | *Python, Django, MySql, Numpy, Pandas, Bootstrap, Github*
- Built a web app predicting diseases using machine learning (Python, Django) based on user symptoms.
- Implemented doctor consultations via messaging for personalized guidance.
- Developed secure patient data storage and doctor verification for platform trust.
- Designed user-friendly interfaces for different roles (doctor, patient, admin).

The Book Spot | *Python, Django, MySql, Numpy, Pandas, Bootstrap, Github*
- Implimented "The Book Spot," a Django app recommending books with collaborative filtering and popularity algorithms.
- It help users discover new books that align with their interests and preferences.
- Users can list their old books with descriptions, photos, and prices to attract potential buyers.
- Implemented Django authentication to ensure user privacy and platform security.

Weather Application | *Python, Flask, OpenWeatherMap API, Bootstrap, Github*
- The Weather App is a web application developed on the Flask framework, which utilizes the OpenWeatherMap API to provide real-time weather information to users.
- Integrated the OpenWeatherMap API to retrieve weather information such as temperature, humidity, wind speed, and atmospheric conditions.

Technical Skills

Languages: Python, C++, C, HTML/CSS, SQL
Developer Tools: VS Code, Jupyter Notebook, Git
Technologies/Frameworks: Django, Flask, GitHub

Certificates

Meta Backend Developer | *Python, Django, MySql, Version Control*
- Foundational programming skills with basic Python Syntax.
- Learnt basics of Django, its view, templates and models.
- Completed a basic restaurant web application named LittleLemon.

Achievements

Leetcode: Solved 400+ DSA questions.
GeeksforGeeks: Solved 200+ DSA questions.