

Garvita Ahuja



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Delhi, India

Profile

Enthusiastic tech professional with a strong foundation in Python, SQL, Flutter, Firebase, HTML, CSS, and Django, complemented by a substantial background in research in data science, machine learning, and natural language processing.

Skills

Programming Languages: Python (Numpy, Pandas, Tensorflow, NLTK, OpenCV, Transformers), C, SQL.
Data Science & Machine Learning: Adept at utilizing data analysis and machine learning techniques to extract actionable insights from complex datasets.
App Development: Experienced in building cross-platform mobile applications using Flutter and seamlessly integrating them with Firebase for robust back-end solutions.
Web Development: Proficient in designing and developing dynamic web applications with HTML, CSS, and Django, ensuring a responsive and user-friendly experience.
Problem-Solving: Strong analytical and problem-solving skills, honed through practical experience.
Tech Enthusiasm: A genuine passion for staying updated with emerging technologies and industry trends.

Education

2021-2025 Vivekananda Institute of Professional Studies
B.Tech in Artificial Intelligence and Machine Learning
CGPA - 9.363

Rosary Senior Secondary School, Delhi
10th grade- 94%
12th grade- 94%

Research Experience

Published Paper:

"Assisted Living Robots: Discussion and Design of a Robot for Elder Care"

Published in "Internet of Things (IoT): Key Digital Trends Shaping the Future" (pp 11-26) on SpringerLink.

Submitted Papers:

- "Prostate Cancer Survival Analysis and Treatment Recommendation Using Machine Learning"
Submitted to the International Conference on Machine Learning and Data Engineering (ICMLDE 2023).
- "Advancements in Hate Speech Detection: A Comprehensive Analysis of NLP Models and Techniques"
Submitted to the 7th International Conference On Innovative Computing and Communication (ICICC 2024).

Projects

Natural Language Processing on Ramcharitramanas:

Python-based Natural Language Processing (NLP) analysis of Ramcharitramanas text.

Heart Disease Detection using ML:

Utilizing Python, this project employs machine learning models to predict heart disease.

Sentiment analysis of Amazon Reviews:

Python project analyzing sentiment in Amazon product reviews.

Driver Drowsiness Detection System:

Python-based system for detecting driver drowsiness.

Notes App:

Flutter and Firebase-powered mobile app for managing notes and tasks.

Portfolio Website:

Personal website showcasing my skills and projects using HTML, CSS, and JavaScript.

E-commerce Website:

HTML, CSS, and Django-based e-commerce platform for online shopping.

Organizations

Coalition of Designers and Engineers, Graphic Designer

- Spearheaded captivating graphic design projects, injecting creativity into the team's visuals, resulting in enhanced project engagement and recognition.
- Played a pivotal role in the meticulous planning and execution of successful events, ensuring seamless coordination and optimal attendee experiences.
- Collaborated closely with cross-functional teams, fostering a culture of innovation and design excellence within the organization.

Gender Champions Club, Core Member

- Orchestrated a variety of impactful events, championing gender equality and inclusion on campus, leaving an enduring impact on our college community.
- Oversaw multifaceted aspects of the society, including strategic planning, team coordination, and graphic design, ensuring the seamless operation of our mission.
- Nurtured a diverse team of graphic designers, empowering them to create compelling visuals that amplify our message and values.