

Shephali Srivastava

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EDUCATION

Bachelor of Technology in Information Technology, AKTU

KIET GROUP OF INSTITUTIONS (Agg. CGPA: 8.86*)

Ghaziabad, UP

Nov 2022 – Present

Higher Secondary Certificate (CBSE)

Academic Global School (Percentage: 85%)

Gorakhpur, UP

Apr 2021 – March 2022

High School Certificate (ICSE)

St. Joseph's School (Percentage: 90%)

Gorakhpur, UP

Apr 2019 – June 2020

PROJECTS

Fake News Detection | Python, scikit-learn, NLTK

May 2024

- Developed a Fake News Detector with logistic regression, achieving a detection accuracy of 92%.
- Utilized NLTK for text pre-processing and analyzed news titles and authors to determine authenticity.

Virtual Drawing Space using Computer Vision | Python, OpenCV, MediaPipe

Jan 2024

- Created a virtual drawing tool that tracks a marker's movements in real-time and translates them into digital drawings on a screen.
- Implemented OpenCV for image pre-processing and integrated MediaPipe for hand detection, reducing latency by 40% for enhanced real-time feedback.

SKILLS

Programming Languages: Python, C, C++, JavaScript

Databases: MySQL, Oracle, BigQuery

Data Science & Machine Learning: NumPy, Pandas, Matplotlib, TensorFlow, SciPy, Neural Networks, Algorithms

Tools and Frameworks: OpenCV, NLTK, MediaPipe, scikit-learn

ACHIEVEMENTS

Awarded Certificate of Academic Excellence for maintaining a consistently high Cumulative Grade Point Average (CGPA) throughout the academic program.

Ranked among top 3 of 200 participants in Code-IT Competition.

Participated in various hackathons and coding competitions.

Earned multiple badges across platforms such as Kaggle, Leetcode, AWS, and ServiceNow, showcasing expertise in machine learning, data structures, cloud computing, and IT service management.

POSITIONS OF RESPONSIBILITY

Team Leader

April 2024

Innohacks 3.0

KIET Group of Institutions, UP

- Led a team in the development of an innovative solution, ensuring effective task delegation and coordination.
- Presented the project to a panel of judges, demonstrating strong technical knowledge and presentation skills.

Mentor and Peer Educator

March 2024 – Present

Kinesis Technical Society

KIET Group of Institutions, UP

- Mentored 150+ students and peers in machine learning and AI fundamentals, offering personalized guidance and support.
- Organized and led 10+ workshops on diverse ML topics, including supervised and unsupervised learning, model evaluation, and data preprocessing.

CERTIFICATIONS

- Introduction to Gen AI (Google Cloud) | Completed:** Nov 2024. Acquired foundational knowledge of Generative AI concepts and applications within Google Cloud, demonstrating proficiency through assessments.
- Introduction to SQL and BigQuery (Kaggle) | Duration:** 3 hours, **Completed:** Nov 2024. Developed expertise in SQL querying and gained hands-on experience with Google BigQuery.
- Introduction to AI and Machine Learning (Google Cloud) | Completed:** Dec 2024. Gained a comprehensive understanding of AI/ML concepts, including supervised and unsupervised learning.