Shephali Srivastava

+91-7905010423 | srivastavashephali02@gmail.com | linkedin.com/in/srisheph | github.com/srisheph | leetcode.com/sheph18

EDUCATION

Bachelor of Technology in Information Technology (AKTU)	Ghaziabad, UP
KIET Group Of Institutions (Agg. CGPA: 8.76*)	*Nov 2022 – Present*
Higher Secondary Certificate (CBSE)	Gorakhpur, UP
Academic Global School (Percentage: 82%)	*Apr 2021 – March 2022*
High School Certificate (ICSE)	Gorakhpur, UP
St. Joseph's School (Percentage: 90%)	*Apr 2019 – June 2020*

EXPERIENCE

Freelance AI Developer | *Self-Employed* — Feb 2025– Present

- **Promptune – AI-Powered Music Recommendation System** (Python, Streamlit, YouTube Music API, Flask)
- Developed a music recommendation system that processed 10,000+ song metadata entries using YouTube Music API.
- Built a user-friendly Streamlit UI, generating personalized playlists for 500+ users, improving engagement by 35%.
- **AI Resume Analyzer – ATS Optimization Tool** (Python, NLP, Streamlit, Resume Parsing, ATS)
- Designed an AI-powered resume analyzer that analyzed 200+ resumes, increasing job match accuracy by 30%.
- Implemented NLP-based keyword extraction, reducing manual resume screening time by 50%.

PROJECTS

Fake News Detection | *Python, scikit-learn, NLTK* — May 2024

- Developed a Fake News Detector that achieved 92% accuracy using logistic regression and NLP techniques.
- Evaluated 50,000+ news articles using NLTK-based text preprocessing.

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, Flask

ACHIEVEMENTS

Awarded Certificate of Academic Excellence for maintaining a CGPA of 8.86 throughout B.Tech.

Secured **top 3 rank** among 200 participants in **Code-IT Competition**.

Competed in **5+ hackathons**, securing **top 10 position** in 2 competitions, developing AI-based solutions.

Earned 15+ skill-based certifications and badges on Kaggle, Leetcode, AWS, and ServiceNow, showcasing expertise in AI, cloud computing, and data structures.

POSITIONS OF RESPONSIBILITY

Team Leader — Apr 2024
Innohacks 3.0 – KIET Group of Institutions, UP

- Led a team of 5 members to develop an AI-driven automation solution, securing finalist position.
- Presented project to a panel of 10+ judges, receiving positive feedback for innovation and implementation.

Mentor and Peer Educator — Mar 2024 – Present
Kinesis Technical Society – KIET Group of Institutions, UP

- Trained 150+ students on AI/ML fundamentals through hands-on workshops and coding sessions.
- Organized 10+ technical workshops covering topics like deep learning, NLP, and model evaluation.

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.