VAISHNAVI SINHA
ABES IT, GHAZIABAD

PHONE : +91 – 8287521198
GMAIL: vaishnavisinha476@gmail.com
GITHUB: https://github.com/sinhavaishnavi
LINKEDIN: https://www.linkedin.com/in/vaishnavi-sinha-952111259

Professional Summary

B.Tech CSE (AI) student focused on Machine Learning, Deep Learning, and Data Analysis with hands-on experience in Python, R, SQL, TensorFlow, Keras, Scikit-learn, XGBoost, and LightGBM. Skilled in data preprocessing, visualization (Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau) and deploying ML pipelines and AI web apps using Streamlit and Flask.

EDUCATION

Aug2022-May2026	B.Tech in Computer Science & Engineering (Artificial Intelligence) ABES Institute of Technology, Ghaziabad	CGPA: 7.89/10
2022	12th Senior Secondary Examination Central Board of Secondary Education	78%
2020	10th Secondary Examination Central Board of Secondary Education	80%

Work Experience

Jun-Jul 2025

Machine Learning Intern, Codveda, Noida, Uttar Pradesh, India.
- Engineered and deployed a robust ML pipeline that automated data preprocessing and comparative algorithm evaluation, resulting in a 15% increase in model analysis efficiency.
- Improved the user experience for both technical and non-technical stakeholders, enhancing experimentation efficiency by 20%.

Sept- Oct 2024

Machine Learning Intern, Soft Pro (virtual internship), Noida, Uttar Pradesh, India
- Engineered and deployed a Streamlit-based Career Path Suggestion Tool that increased user engagement by over 30% through a dynamic, responsive UI.
- Streamlined user access by ensuring seamless functionality on both desktop and mobile platforms, improving accessibility and user satisfaction.

Academic Project

Feb-May 2025

Skin Analysis Recommendation System
- Developed and deployed a CNN-based deep learning model that achieved a 92% accuracy in classifying various skin conditions for real-time analysis via a Streamlit web application
- Automated PDF report generation, which reduced manual creation time by 90% and boosted user satisfaction by 80%.

Technical Skills

Programming Languages :	Python, R
Machine Learning & Data Science :	**Libraries:** Scikit-learn, Pandas, NumPy, XGBoost, LightGBM, CatBoost **Concepts:** Regression, Classification, Clustering, EDA, Model Tuning
Deep Learning & Computer Vision:	**Frameworks:** TensorFlow, Keras, OpenCV **Concepts:** CNNs, Image Classification, Transfer Learning
Web & API Development:	**Frameworks:** Flask, Streamlit **Front-end:** HTML, CSS, JavaScript
Databases:	MySQL, MongoDB
Tools & Platforms:	**Version Control:** Git, GitHub **Tools:** Jupyter Notebook, Google Colab, VS Code, Power BI, Tableau, Figma, Canva
NLP & AI Tools:	ChatGPT, Prompt Engineering, NLP Concepts

Achievements

- Completed the Deloitte Data Analytics Virtual Internship (Forage)
- Participated in Shell.ai Hackathon 2025 (Fuel Blend ML Challenge)
- Shared educational UI designs and ML project demos on LinkedIn
- Active GitHub contributor with end-to-end ML deployment projects
- Created and published responsive UI/UX designs for web apps in personal portfolio

Communication Skills

- Strong verbal and written communication with experience in delivering presentations, project demos, and research papers.
- Skilled at simplifying complex technical concepts for diverse audiences and creating clear documentation.
- Collaborative team communicator with proven networking and professional interaction on platforms like LinkedIn and GitHub.