

Education

Aug22-May26	ABES Institute of Technology, Ghaziabad Bachelor of Technology, Computer Science & Engineering(Artificial intelligence)	7.89/10
2022	12 th (Senior Secondary Examination) Central Board of Secondary Education	78%
2020	10 th (Secondary Examination) Central Board of Secondary Education	80%

Work Experience

Jun-Jul'25	Machine Learning Intern, Code Craft Infotech, Pune, Maharashtra, India <ul style="list-style-type: none">• Engineered a real-time Hand Gesture Recognition System using OpenCV, MediaPipe, and TensorFlow, achieving 90%+ accuracy in gesture classification for interactive human-computer interfaces.• Trained a Food Recognition and Calorie Estimation Model using CNNs and transfer learning on over 10,000 images, estimating nutritional values with 88% precision• Optimized model performance by implementing advanced image preprocessing techniques, including normalization and augmentation, improving usability across diverse lighting conditions.
Sept- Oct'24	Web Development Intern, Soft Pro (virtual internship/training), Noida, Uttar Pradesh, India <ul style="list-style-type: none">• Created a Career Path Suggestion Tool using HTML, CSS, and JavaScript that matched users to relevant tech roles based on skill selection.• Designed a dynamic skill-role mapping system with JSON data structures, increasing user engagement by 30% through an intuitive UI.• Ensured seamless functionality across desktop and mobile platforms by integrating responsive design principles.

Academic Projects

Feb-May'25	Skin Analysis & Color Recommendation System <ul style="list-style-type: none">• Engineered a CNN-based deep learning model that classified acne, pigmentation, dark circles, and skin types with 92% accuracy.• Deployed the model as a Flask web application, supporting live camera feed and image uploads for real-time skin analysis.• Developed a personalized color recommendation engine that suggested suitable fashion and skincare tones based on detected skin type, improving user satisfaction by 70%• Automated PDF report generation, summarizing findings and recommendations for end-users, reducing manual report creation time by 90%.• Designed a clean, interactive UI/UX using HTML/CSS, improving accessibility and user satisfaction by 80%.
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Technical Skills

Languages	Python, R ,
Web Technologies	MySQL, HTML, CSS, JavaScript, Flask (API)
Data Analysis & tools	Pandas, NumPy, Matplotlib, Seaborn, Power BI ,Tableau,
Machine Learning	Scikit-learn, XGBoost, LightGBM, Regression, Classification, Clustering, EDA, Model Tuning
Deep Learning	TensorFlow, Keras, CNNs, OpenCV, Image Classification, Transfer Learning
Design & UI Tools	Figma, Canva, Responsive Web Design
Version Control	Git, GitHub
Development Platforms	Jupyter Notebook, Google Colab, VS Code

**NLP & GPT
Tools**

ChatGPT, Prompt Engineering, NLP Concepts

Additional Information

- 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](#)
- Fluent in English and Hindi | Strong verbal and written communication

