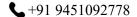
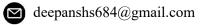
DEEPANSH SHARMA







Education

UPES Dehradun, India August 2022 - June 2026

Bachelors of Technology Computer Science Honors– AI & ML CGPA: 8.37/10.0

City Montessori School Lucknow, India March 2021 - May 2022

ISC Higher Secondary Certificate Percentage: 93.0/100.0

City Montessori School Lucknow, India March 2019 - June 2020

ICSE Secondary School Certificate CGPA: 95.0/100.0

Internship

IBM-Project Intern June 2025 – July 2025

Air Quality Index Prediction Web App

- Built a full-stack AQI prediction system using Flask and React.js, integrating Random Forest and LSTM models with real-time predictions and health recommendations.
- Designed and deployed RESTful APIs with JSON communication, implemented data pre-processing, and created a responsive UI with modern design practices

Projects

1) GUIDE PRO: Smart Chatbot for Expert Assistance

August – December 2024

- Technologies Used Java, React, HTML, CSS, MongoDB
- Description -
 - Developed an intelligent travel assistant with real-time recommendations, NLP-based intent recognition, API integration, and a robust Java backend.
 - Built an interactive React-based frontend with WebSocket communication, optimized performance through testing, and successfully deployed on a web server.

2) SORT SMART: Advanced Waste Management System

January-May 2025

- Technologies Used Python, JavaScript, React, HTML, CSS, Flask
- Description
 - Developed a waste classification system using deep learning models with real-time disposal guidelines and educational resources, integrated with a Python backend and APIs.
 - Built an intuitive React-based frontend with WebSocket communication, optimized performance through testing, and deployed on cloud platforms for scalability and accessibility

Skills

Programming languages: C, Java, Python, JavaScript Web Technologies: HTML, CSS, JavaScript

ML/AI: Machine Learning Neural Networks, Deep Learning, Natural Language Processing (NLP), Computer Vision

Soft Skills: Communication, Leadership and Teamwork, Critical Thinking

Technical Certifications

- Introduction to Generative AI, Google Cloud, Coursera
- HTML ,CSS and JavaScript for Web Developers ,John Hopkins University ,Coursera
- DevOps Bootcamp 2024 iNT college Institute of Innovation & Technology