

Aman Bhatt

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EDUCATION

Year	Degree/Exam	University/School	GPA/Marks (%)
Sep, 2022 - Present	B.Tech (CSE)	Graphic Era University Dehradun	8.2/10
2021	12 th , C.B.S.E	Doon International School	90.2%
2019	10 th , I.C.S.E	Marshall School	89.8 %

PROJECTS

- **SkillBridge** (Dec, 2024 - Feb, 2025):
 - Developed a **Flask-based web platform** for resume-job matching using NLP.
 - Designed a **database-driven system** to store and rank resumes based on **skill similarity scores**.
 - Built an interactive **web dashboard** for seamless user experience and easy resume filtering.
 - **Technology Used:** Python, Flask, SQLite, Natural Language Processing (NLP), Web Scraping, Resume Parsing.
- **AirSage: Smart AQI Analytics** (Sep 2024 - Nov 2024)
 - Analyzed **air quality trends** in **Delhi, Hyderabad, Kolkata, Bengaluru** using **2010–2023** data.
 - Collected and processed **real-world pollution data** from Kaggle, handling missing values.
 - Performed **statistical analysis** on pollutants (**PM2.5, PM10, NO2, SO2, CO, Ozone**).
 - Developed an **AQI classification system** to assess pollution severity.
 - **Tech:** Python, Pandas, Seaborn, Matplotlib.
- **Early Lung Cancer Prediction** (May, 2024 - Aug, 2024) :
 - Utilized the IQ-OTHNCCD dataset containing 1,190 CT scan images
 - Developed an ML model using CNN to classify lung cancer cases
 - Achieved 99% accuracy in detecting early-stage lung cancer
 - Technology Used- Deep learning, Feature Learning, Feature Extraction, Data Processing
- **Harmful Speech Classification** (Dec, 2023 - April, 2024):
 - Developed an ML model to classify tweets into three categories: Hate Speech, Offensive Language, or Neither using the following machine learning models:
 - * Random Forest: Achieved an accuracy of 94% after hyperparameter tuning.
 - * Logistic Regression: Reached an accuracy of 91%, providing a fast and interpretable model.
 - Technology Used- Machine Learning, NLP, Feature Extraction: TF-IDF Vectorizer, Stopword Removal

SKILLS

- **Programming Languages** C , C++ , Python , HTML, CSS, Javascript , SQL, Java.
- **ML & Data Tools:** TensorFlow, Keras, scikit-learn, Pandas, Numpy.
- **Development:** Flask, Git, GitHub, Jupyter Notebook, Google Colab.
- **Certifications**
 - AWS Certified Cloud Practitioner
 - Microsoft Azure Data Fundamentals (DP-900)
- **Soft Skills** Problem-Solving , Adaptability , Critical Thinking , Time Management