

ANUSHREE

Greater Noida, India 201310 • +918787275505 • workanushree14@gmail.com

SKILLS

Languages: Python, Java, C, SQL, MongoDB

Cloud Technologies: Google Cloud Platform (GCP), Google BigQuery, Google Cloud Storage (GCS)

Libraries and Frameworks: Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, TensorFlow, FastAPI, Django, Huggingface and PySpark

Developer Tools: Git, GitHub, Jupyter Notebook, Google Colab, Power BI, and Apex

Core Competencies: Data Pipeline Development, Problem-Solving, Research and Analysis, Communication

EXPERIENCE

Artificial Intelligence Researcher, 07/2025 - Current

NoCarbon - London, UK

Built and deployed a robust end-to-end data pipeline using **Python and Google Cloud Platform (GCS, BigQuery)** to automate the **ingestion, transformation, and analysis** of environmental data from CSV and Excel files. Developed reusable scripts in Google Colab for uploading files to GCS, dynamically generating schemas, and creating external BigQuery tables using JSON configurations. **Integrated fuzzy matching algorithms** for mapping emission sources and units, and developed specialised Excel modules and chat functions for various carbon accounting datasets (e.g., WRAP, IPCC, CO2EF, GLEC). Also implemented **error logging and automated EPD processing**, reducing manual work by over 90%, and significantly accelerating research workflows.

PROJECTS

- **PhonePe Transaction Insights (Capstone)** – *Python, Pandas, MySQL, Streamlit, Scikit-learn*
Built a complete pipeline analyzing PhonePe digital payments. Transformed JSON to SQL, conducted EDA, PCA, hypothesis testing, and built an interactive Streamlit dashboard for visualizing KPIs by state/year.
- **YES BANK Stock Price Prediction** – *Python, Scikit-learn, Regression, GitHub*
Predicted stock prices using OHLC data with Linear & Random Forest models ($R^2 \sim 0.99$). Included UBM-style EDA, feature selection, and full GitHub deployment.
- **Summy – The Summarizer (HCL Certified)** – *Python, Whisper, MoviePy, JS, HTML/CSS*
Developed a speech-to-text video summarizer using OpenAI Whisper and MoviePy. Built a responsive frontend with playback and sync.
- **BuzzMeet (MLH Hackathon)** – *WebRTC, Gemini AI, JavaScript, Render*
Created a real-time video conferencing tool with draggable video panels, Gemini-powered transcription, and AI summaries. Deployed on Render.
- **MRI Brain Tumor Image Classifier** – *Deep Learning, CNN, Transfer Learning, Streamlit*
Built a CNN-based classifier for brain tumor MRI scans using transfer learning and deployed it via an interactive Streamlit app.
- **Shopper Spectrum – E-Commerce Segmentation** – *ML, XGBoost, PCA, Streamlit, EDA*
Applied EDA, UBM hypothesis testing, feature engineering, and clustering/classification models on e-commerce data. Visualized insights through a dashboard.
- **Web Scraper + Analyzer Tool** – *BeautifulSoup, Requests, Pandas, Streamlit*
Built a web scraping tool to extract and analyze structured data (Emails and LinkedIn Ids) from dynamic websites with an interactive frontend.
- **Exploratory Data Analysis (EDA) Projects** – *Python, Seaborn, Scikit-learn*
IPL Dataset: Toss patterns, team strategies, player analysis.
Personality Prediction: Classified user types using ML models (Logistic Regression, KNN, RF).

EDUCATION

Bachelor of Technology : Computer Science and Engineering, 2026

DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY - Greater Noida, UP
GPA: 8.2

CARMEL SCHOOL : Secondary School, 2022

CARMEL SCHOOL - Gorakhpur, UP
CGPA: 7.4

CARMEL SCHOOL : High School, 2020

CARMEL SCHOOL - Gorakhpur, UP
GPA: 8.6

PROFILES

LinkedIn : <https://www.linkedin.com/in/anushree14/>

Leetcode : @Anushree_14 (Solved 250+ Questions)

Hackerrank : @01_anu_shree_14 (5 stars in Java & Python)

GitHub : <https://github.com/ANUSHREE1403>

CERTIFICATIONS

- HCLTech Certification in Data Engineering and Visualization
- IBM Artificial Intelligence PBEL Certificate

CURRICULUM

Kaggle Competitions Contributor

Built and optimized ML models for advanced challenges like NeurIPS Polymer Prediction 2025 using feature engineering, RDKit, and GNNs; focused on low MAE and leaderboard performance.

Mentored first-year students in college coding groups, helping them strengthen programming fundamentals and problem-solving skills.

Secured 2nd rank in an Innovative Business Idea Presentation Competition conducted for B.Tech and MBA students.

Was an **active member of the organizing team** for an intra-college hackathon, contributing to event planning and coordination.