Shreeyali Singh

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http://www.linkedin.com/in/shreeyali-singh26 | DOB: 26th November 2002 | Bhopal, India

EDUCATION

B.TECH IN CSE- CORE
VIT Bhopal University
2022-2026 | CGPA: 8.22

12TH
C.B.S.E. Sunbeam Bhagwanpur
2021 | Percentage: 94.8

10TH
C.B.S.E. Sunbeam Bhagwanpur
2019| Percentage: 85.4

SKILLS

PROGRAMMING
C++ • Python
DATA SCIENCE & ANALYTICS:
Pandas • NumPy • Matplotlib • Seaborn • Power BI •Statistics • BeautifulSoup, Selenium
MACHINE LEARNING & AI:
Supervised & Unsupervised Learning • Model Optimization • Deep Learning • NLP
DATABASE
MySQL
EXCEL & AUTOMATION
Advanced Excel
• Excel Macros • VBA.
VERSION CONTROL TOOLS
• Git • Github• Android studio

COURSEWORK

GRADUATE
Object Oriented Programming
Theory of Computation
Database Management System
Cloud Computing
Data Structures and Algorithm
Machine Learning
Computer Organization and Architecture
Operating System
Computer Networks
Software Engineering

CERTIFICATION
NPTEL Cloud Computing
IBM AI Engineer
Oracle Dev Gym: Databases for Developers – Foundations
Python (Basic) – HackerRank
SQL (Basic) - HackerRank
JIRA project management

EXPERIENCE

EXPEDIEN ESOLUTIONS | Data Analyst Intern
December 2024 - January 2025 | Noida, IN

- **Assisted in developing Power BI dashboards** for the HPU CEO Monitoring System, enhancing data visibility.
- **Performed data cleaning & transformation** using Power Query to improve data consistency.
- **Supported DAX calculations & data modeling** for report insights under senior guidance.
- **Helped configure scheduled Power BI refresh**, integrating multiple data sources for automated updates.

PROJECTS

SMART AGRO ASSISTANT FOR DISEASE DETECTION AND DIAGNOSIS |DEEP LEARNING
Django REST Framework| TensorFlow(Keras| OpenCV|NLTK| PostgreSQL| AWS

- Developed a **Django REST API** for rice crop disease detection using **Deep Learning (CNN)**.
- Implemented **NLP-based chatbot** to answer agriculture-related queries using **NLTK**.
- Integrated **Computer Vision (OpenCV, TensorFlow)** for disease classification with high accuracy.
- Deployed on **AWS**, with a **PostgreSQL database** for storing user queries and disease data

VARANASI TOURISM TREND PREDICTION
Scrapy| BeautifulSoup| APIs (Google Trends, IRCTC)| Python (ARIMA, LSTM) | Power BI | PostgreSQL.

- **Scraped & analyzed**1,000+ tourist reviews from multiple platforms.
- **Achieved 85%+ accuracy** in predicting peak tourism seasons using ML models.
- Built an interactive dashboard for real-time trend visualization.

ACHIEVEMENTS

- Solved 300+ C++ problems across multiple coding platforms.
- Solved 150+ Data Structures and Algorithms (DSA) problems.
- Completed SAP and Excel training at KRIBHCO.
- Core Member of the HEALTH-O-TECH Club .