Trusha Anand

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Skills

- **Languages -** C++, Python, SQL,HTML, CSS, JavaScript, PowerBi.
- **Relevant Coursework**: Data Structures and Algorithms{DSA}, Database Management System(DBMS), Operating System(OS), Networking(CN)

Education

VIT Bhopal University (Expected 2026)   Bhopal, Madhya Pradesh
BTech Major in Computer Science and Engineering   Cumulative GPA: 8.30/10

Maharaja Agrasen Model School (Jul 2022)
12th Standard- CBSE(Central Board of Secondary Education)   Percentage: 88.6%

DPS,Sonepat (Jul 2020)
10th Standard- CBSE(Central Board of Secondary Education)   Percentage: 92.2%

Projects

HandSpeak
-Real-time ASL detection system using MediaPipe + LSTM, achieving 95% accuracy across 26 alphabet signs
-Processed 30+ FPS video streams extracting 21 hand landmarks for gesture recognition
-Optimized on 1,000+ samples per gesture with 128-unit architecture, <100ms inference time
-Integrated webcam interface for real-time sign language interpretation
                                                        Feb 2024-May 2024

QuesMake
-It Is A Question Paper Generator That Takes In The Number Of Questions And Types Of Questions And Generates The Questions Paper Where The Questions Are Generated Randomly From A Database
- Python-based question generation system processing 10,000+ data records from CSV files with automated SQL database integration
-Automated CSV parsing and SQL database operations using pandas and SQLite, handling 500+ questions per category
-Created dynamic question generation logic with 80% accuracy in content categorization and difficulty assessment
                                                        April 2025-May 2024

Certifications

- NPTEL Marketing in Data Ananlytics
- COUSERA IBM ·Databases and SQL for Data Science with Python ●   COUSERA IBM - Data Analysis with Python