

Anisha Khandelwal

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SUMMARY

Motivated and detail-oriented final-year student with strong analytical and problem-solving skills. Quick to adapt to new challenges and eager to apply technical knowledge to real-world problems. Possesses excellent communication and teamwork abilities, with a keen interest in contributing to innovative and dynamic environments.

ACADEMIC PROJECTS

Brain Stroke Prediction May 2024 | Machine Learning, Deep Learning, Grad-Cam, Image Processing **2024**

- The project utilizes numerical and brain X-ray image datasets to predict the risk of brain stroke with 95% accuracy.
- Utilized **Convolutional Neural Networks (CNN)** for stroke pattern detection, enhanced model interpretability with **Grad-CAM**, and applied **image processing techniques** to improve image quality and feature extraction.
- Combined deep learning and preprocessing methods to enhance diagnostic accuracy and assist in early stroke detection
- Implemented a hybrid approach combining numerical data analysis and deep learning on medical images.

Vrinda-Store-Sales-Analysis Interactive Dashboard | MS Excel, Data Analysis **2024**

- Created a 2022 sales report for Vrinda Store to understand customer behavior and improve sales strategies for 2023.
- Analyzed KPIs like sales comparison, top sales month, gender-based purchases, top states, and sales channels.
- Insights: Women (65 percent) aged 30-49 from Maharashtra, Karnataka, and UP are key. Focus ads on Amazon, Flipkart, and Myntra

Move-Mentor : connecting abilities | Machine Learning, Deep Learning, Media Pipe Holistic **2023**

- Developed a sign language recognition model to bridge the communication gap for deaf blind individuals. Leveraged advanced computer vision techniques to analyze hand gestures with 95% accuracy.
- Pioneered the Move-Mentor project, leveraging **Python, Media Pipe Holistic, and LSTM Neural Network, machine learning** to create an adaptive platform that Boosted user engagement by 40% and benefiting over 500 participants.
- Translating over 20 unique hand gestures into text, providing real-time access to information.
- Managed an 8-member team in designing and building the project, ensuring collaboration and efficient task management.

SKILLS

Technical Skills: Python(NumPy, Pandas, Matplotlib), C++, Ms. Excel, SQL, Power BI, MySQL, AWS, Salesforce developer console.

Soft Skills: Strong Verbal & Written Communication, Multi-Tasking & Prioritization , Teamwork, Adaptability, Resilience, Self-Learning

Problem-Solving: Root Cause Analysis, Abstract Problem Solving, Hypothesis-Driven Analysis, Data Analysis, Data Visualization.

EDUCATION

Vellore Institute of Technology <i>Bachelor of Technology in ECE (AI & Cybernetics)</i>	CGPA: 8.34	Bhopal, MP August 2021 – May 2025
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CERTIFICATIONS

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| • Salesforce Supported Virtual Internship Program, Smart Internz | January 2025 |
| • AWS Certified Cloud Practitioner , Amazon | February 2024 |
| • PWC Switzerland Power BI Job Simulation, Forage | September 2024 |
| • Accenture North America Data Analytics and Visualization Job Simulation, Forage | June 2024 |

EXTRA CO-CURRICULAR

- Optimized social media and PR strategies to amplify TEDxVITBhopal Chapter reach and impact within the student community.
- Showcased leadership and commitment to the engineering field through active participation in IEEE.