MANASI MALGE

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Enthusiastic recent graduate with strong leadership abilities, excellent communication skills, problem-solving and analytical skills having proficiency in Artificial Intelligence, Machine Learning and Deep Learning with a skill-set of Java, Python, Natural Language Processing and Data Visualization along with the knowledge of Large Language Model (LLM), Computer Vision (CV), and tools such as Tableau and PowerBi.

Technical Skills and Strengths

- Python, Java
- Data Analytics
- Machine Learning
- Natural Language Processing
- Computer Vision
- Google Cloud Platform
- Strategic Thinking
- Diligent
- Resilient
- Pragmatic
- Eye for Detail
- Time Management

Education Details

Center for Development of Advanced Computing, Pune   *March 2024 - August 2024*
Post Graduate Diploma in Artificial Intelligence | CGPA: |

Cummins College of Engineering, for Women, Nagpur | **Nagpur University**   *2018 - 2022*
Bachelor of Computer Engineering | CGPA: 8.89 |

New English Junior College, Nagpur | **Maharashtra State Board**   *2017 - 2018*
12th | Computer Science | 79.08% |

Internship

Java Intern - **Lighthouse Infosystems Private Ltd, Nagpur**   *October 2021 - January 2022*

Developed a tool to upload PDFs and trained the system using OCR to extract required text from pre-defined PDFs.
Learned Spring Boot framework.
Used JAVA, Javascript, HTML, and CSS.

Projects

Clip Master: Automated Video Highlights Using AI   *June 2024 - Present*
Clip Master is an AI-powered tool designed to create concise summaries of video content. It utilizes advanced Machine Learning and Natural Language Processing techniques to identify and compile the most relevant segments from videos.
Users can interact with the chatbot to discuss and refine the content.

Indian Sign Language Detection Model Using Machine Learning   *July 2021- March 2022*
The model takes sign language (hand gestures) as input and gives the corresponding output in the form of speech and text. Built using Python libraries and machine learning to help those who are deaf and dumb.
Note: The project was published as a research paper.

Certifications

- Java, C++ and C certificate course from Kanetkar Institute.
- Data Science and Python Programming workshops by IIT Kharagpur and Techphilla Solutions.
- Google Cloud Ready Facilitator Program by Google Clouds.
- N5 Certificate Japanese Language Proficiency.

Achievements

- Published a research paper titled "Indian Sign Language Recognition" in "International Journal of Advanced Research in Science, Communication and Technology" in 2022 (ISSN No: 2581-9429).
- Published a research paper titled "Indian Sign Language Recognition" in "International Journal of Science and Research" in 2022 (ISSN No: 2319-7064).

Extra-Curriculars

- Active Volunteer at NGO "Prahar Samaj Jagruti Sanstha".
- Creative Head, IEEE Cummins College Student Branch.
- Won 4th Place at State Level Skating Tournaments.
- Captain of College Cricket Team.

Hobbies

- Trekking
- Dancing
- Reading
- Playing Cricket

Languages Known

- Japanese (N5)
- English
- Hindi
- Marathi