MANTOSH DAS

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SKILLS

- **Languages**   : Python, C++, Java, HTML, CSS
- **Frameworks**   : Bootstrap, Flask, TensorFlow
- **Tools/Platforms** : Git, GitHub, Docker, Linux
- **Database**   : MySQL, Oracle SQL
- **Soft Skills**   : Team Player, Problem solving, Adaptability

INTERNSHIP

Practo | Data Science Intern   May' 24 – Jul' 24

- Analyzed Health and Demographic Data to identify common traits leading to heart disease
- Performed EDA over the dataset to analyse the given dataset

Tech stack used: Python, Libraries: Pandas, NumPy, Matplotlib, Seaborn

PROJECTS

SAR Image Colorizer | Python, TensorFlow, Keras, Flask   Sep' 24 – Oct' 24

- Created a SAR image colorizer and DE-Speckler using GANs (Generative Adversarial Networks) and FFDNet.
- Achieved an F1 score of 0.88 for colorization and 0.91 for de-speckling on validation datasets.
- Built an introductory-level web application using Flask that integrated seamlessly with existing GAN models

Speech Recognizer and Summarrizer | Python, SpeechRecognization, NLTK, Streamlit   Oct' 23 – Nov' 23

- Built a basic speech-to-text and summarization tool using Python, allowing users to convert audio into text
- Utilized SpeechRecognition library and apply basic NLP techniques for summarization.
- Developed a simple GUI using Streamlit for an easy-to-use interface for transcription and summarization.

CERTIFICATES

- Cloud Digital Leader | Google   Mar' 25
- AWS Cloud Technical Essentials | AWS   Jan' 25
- IBM DevOps and Software Engineering | Coursera   Nov' 24
- Complete Machine Learning and Data Science Program | Geeks for Geeks   Aug' 24

ACHIEVEMENTS

- Runner up in webathon Hackathon
- Runner up in AI/ML Hackathon
- Secured second place in inter-hostel chess competition

EDUCATION

Lovely Professional University   Punjab, Phagwara

- Bachelor of technology - computer science and engineering CGPA : 7.2   Since Aug' 22

Sumeet Rahul Goel Memorial School   Agra, Uttar Pradesh

- Intermediate, Percentage: 71.2%   Jun' 20 – Mar' 22