

CH MANISHARAN

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Skills

AI & ML:

- Python
- NumPy, Pandas, Matplotlib, Scikit, Seaborn etc.
- TensorFlow and Keras
- Regression and Classification Analysis
- OpenCV, Yolo
- Deep Learning (ANN)
- Computer Vision (CNN)
- Basics of NLP, Audio processing and Time Series (RNN and LSTM)
- Transfer Learning
- Classical Machine Learning Techniques

Others:

- C language
- Django
- SQL

Profile links:

Linkedin:

<https://www.linkedin.com/in/manish-ch-2335a91a3/>

Github:

<https://github.com/manish1696?tab=repositories>

Career Objective

I want to succeed in an environment of growth and excellence to meet personal and organizational goals.

Professional Experience

Metagogy Learning Systems: Feb 2021 – Jan 2023

Role: Machine Learning Developer

Worked in diverse roles within the organization – Lead, ML Developer, Tech Content Writer, and Mentor. Built various models for diverse business problems across multiple domains, Process documentation, Data pre-processing, Basic knowledge in deploying AI models in Edge devices (NVIDIA Jetson boards), and Working knowledge of ANN, CNN, RNN, LSTM, NLP, and OpenCV. Created a Machine Learning course for an Edu tech platform.

Esquare Infotech: Oct 2019 – Sep 2020

Role: Machine Learning Intern

Worked as an ML intern and built a model for the attendance system and deployed the model in Edge devices (NVIDIA Jetson boards).

KEY PROJECTS

Metagogy Learning Systems Pvt. Ltd.

Student Assistance system:

Role: Team Lead

Responsibility: Delegating tasks to the team, Allocating & managing resources and leading by examples to build the model according to the requirement

Project Duration: 5+ months

Technology: TensorFlow, Keras, RNN, ANN

Rasa Chatbot:

Role: ML Developer

Responsibility: Research about Rasa and Insert the data for train and build rasa model and maintain & improve the existing model and support for deployment.

Project Duration: 6 months

Technology: TensorFlow, Keras, RASA, NLP

Personal Skills

- Flexible to Work
- Friendly and helpful
- Ability to work in groups and adaptable to any situations
- Ability to interact with all levels of people.
- Everlasting willingness to learn new things.
- Positive Thinking

DETAILS

Date of Birth : 16-11-1996

Gender : Male

Languages Known : English,
Hindi & Telugu

Hobbies : Painting, Making
Clay Arts.

Address : H NO- 10-3-88, RL
Nagar, RTC Colony,
Hyderabad.

Education

Post-Graduation: MBA (HR) -
2019
Kingston PG College,
Hyderabad

Graduation: BSC (MECS) –
2017
Vasundara Degree College,
Hyderabad

Intermediate: MPC- 2014
Gowtham JR College,
Hyderabad

Schooling: SSC- 2012
Sri Chaitanya Concept High
School, Jagtial

Covid AI:

Role: ML Developer

Responsibility: Research on audio Data pre-processing, model building, creating inference file and supporting for deployment.

Project Duration: 6 months

Technology: TensorFlow, Keras, Librosa, Pyaudio

Content Creation:

Role: ML Mentor & Developer

Responsibility: Created a Machine Learning course for e-learning platform Aieducator and done 25+ student projects.

Project Duration: 6 months

Technology: TensorFlow, Keras, ANN, CNN, RNN, NLP

Esquare Infotech

Smart Attendance system:

Role: ML Intern

Responsibility: Data pre-processing, recognizing faces and deploying in edge device.

Project Duration: 1 Year

Technology: TensorFlow, Keras, Face recognition

Personal Projects

- Voice based emotion recognition
- Customised YOLO for helmet detection
- Scales forecasting
- ECG arrhythmia recognition

Technical Skills

- Hands-on experience on machine learning and deep- learning in Python technology.
- Have good knowledge in ML Concepts.
- Have knowledge on Data Structure and Algorithms.
- Expertise in implementing Machine/Deep-learning using Keras, and Tensorflow.
- Proficient with various IDEs like Anaconda, Jupyter-Notebook, pycharm, Visual studio, etc.
- Handled projects independently and worked with teams as well.