

A Postgraduate with strong engineering fundamentals and structured thinking. Interested in mathematics and computing. A quick learner and self-motivated.

EDUCATION

M.Tech IIT Hyderabad

06/2018 - 06/2020

Hyderabad

B.Tech JMI

06/2013 - 06/2017

New Delhi

WORK EXPERIENCE

Structural Engineer I Worley

02/2021 - 01/2023

Hyderabad

Tasks

- Analysis of Structure
- Design optimization
- Macros (Excel VBA) generation
- Report generation
- Internal Review and checking

Machine Learning Engineer Botsfusionsai

02/2023 - 01/2023

Hyderabad

Tasks

- Chatbot using Rasa framework
- Backend for automation of chatbot building process (Python)
- Stock indices prediction using LSTM and ARIMA model

SKILLS

Python

Deep Learning

Tensorflow

Numpy

Pandas

Pymongo

Excel VBA

PERSONAL PROJECTS

Image Classification using ANN

- Implemented module for L-layered Neural Network in python
- Created module for forward propagation and backward propagation
- Compared accuracy of optimization technique - Gradient Descent Vs. ADAM

CERTIFICATES

Machine Learning, Coursera

Basics of machine learning; Gradient Descent; Linear and Logistic regression; ANN; K-means clustering and SVM; Unsupervised Learning

Neural Networks and Deep Learning, Coursera

Created L-layered module Deep Neural Network; Forward and Backward module; Multiclass classification; Introduction to Tensorflow

Improving Deep Neural Networks, Coursera

Regularization technique; Hyperparameter tuning; Optimization algorithm - gradient Descent; gradient Descent with Momentum and ADAM optimization; Hyperparameter tuning; Batch Normalization;

Structuring Machine Learning Projects, Coursera

Case Study - Bird Recognition

Machine Learning, Kaggle

Random Forest; XGBoost model; Data visualization; Handling missing values; Data Leakage; Feature engineering; Principal component Analysis; K-means clustering