

EMPLOYMENT

06/09/2018 -PRESENT

Assistant System Engineer, Tata Consultancy Services, Chennai

- Working as a developer in TCS MFDM(Centre of Excellence) with Data Scientists, Product Managers to solve business problems from different projects.
- Sound knowledge of python programming and libraries(numpy, pandas, matplotlib, seaborn, sci-kit learn etc),Django Framework,
- Current Project on developing chatbots for TCS internal using Natural Language Processing.
- Experience on projects involving various Regression and classification algorithms including Linear Regression, Logistic Regression, KNN, Decision Trees, Random Forest, AdaBoost, XGBoost.
- Hands on experience on Clustering Algorithms(KMeans and DBSCAN)
- Hands on experience on various Pre-processing techniques, scaling methods, Gradient Descent.
- Completed classification problems and time series anomaly detection using clustering .
- Pickled the model and integrated with Flask(Awaiting deployment).

COURSES/CERTIFICATIONS

- **Udemy** : Natural Language Processing with Python
- **IBM** : What is Data Science ?
- **Udemy** : Complete Python Bootcamp: Go from zero to hero in Python 3
- **Udemy** : Python for Data Science and Machine Learning Bootcamp
 - **DataCamp**: Building ChatBots in Python

MINI PROJECTS

Machine Learning

- Actively participating in Machine Learning Competitions at Analytics Vidhya, Kaggle Projects.
- Completed few problems like Loan Prediction Problem(Classification), Joke Rating Problem(Regression), Market Sales Prediction Problem(Regression), Black Friday Sales(Regression).
- Anomaly Detection using Unsupervised Learning.
- Improvising by attempting these problems using different models and applying different feature engineering techniques

Blog Project

- Developed a mini blog project using Front end technologies and Django as back-end mapping using authentication and extra designing effects.
- Main focus was understanding and using the features of Django to be competent in Django connections and modelling

SKILLS

Expert	Python
Expert	Machine Learning
Intermediate	Django
Expert	NLP
Intermediate	Deep Learning
Intermediate	SQL
Expert	Java
Intermediate	HTML AND CSS

EDUCATION

2014 -2018

DeenBandhu Chhotu Ram University of Science and Technology , Bachelor's Degree

- Chemical Engineering
- Active participant in most of the University Events
- Industrial Training at National Fertilizers Limited(PSU)
- Excellent in sports.
- Good Management Skills.

2013 -2014

Aggarsain Public School, H.S.C

- Qualified examination with 83%.

2011 -2012

S.S.C, S.S.C

- Qualified with 83.4%(8.8 CGPA)

HOBBIES

- **Sports** - Active Participant in Sports. Represented school and College at various levels in many Sports.
- **Bhangra** - A good Bhangra Performer at College Level.
- **Acting** - Actively participated in street plays, mimes, spoofs and other stage acts. Represented College at various levels.
- **Literature** - Not a pro, but good with words specially in Hindi Language.
- **Stand Up Comedy** - A good stage performer and love to make people laugh