Naveen Sanapala

Senior Systems Engineer

Data Scientist enthusiast specialized in AI/ML with hands on

experience in designing and building Machine Learning solutions on

large datasets.

**WORK EXPERIENCE**

**SENIOR SYSTEMS ENGINEER**

INFOSYS LIMITED

*05/2019 - Present*, *Hyderabad,India.*

Client : BMW -Worked as the Deputy Product specialist

for 2nd level Application support of 7 applications.

Client : BMW -Worked as the Product specialist for 2nd

level Application support of 2 applications.

Client : BMW -Worked as the Problem &Change manager

for 2nd level Application support of 15 applications.

Client : Broadcom -Worked as Tier-1 Support.

**EDUCATION**

**IIT-M Advanced Programming and Master**

**Data Science**

IIT -Madras

*09/2021 - 02/2022*,

**Online Diploma in Artificial Intelligence**

**&Machine Learning**

University of Hyderabad

*08/2021 - Present*,

**Bachelor of Technology (B Tech)**

ANIL NEERUKONDA INSTITUTE OF

TECHNOLOGY & SCIENCES

*06/2015 - 04/2019*, *Visakhapatnam*

Mechanical Engineering

**SKILLS**

Python, Pandas, Numpy, Matplotlib,

Scikit learn, Tensorflow, SQL, Linear Models,

Ensemble Models, Multi variate Analysis, NLP,

PyTorch, Neural Networks,

Time Series Forecasting, Power BI seaborn,

Tableu, Computer vision, OpenCV, Keras, Analytics, Machine learning , Process Marketing

Analytics Machine learning Python Process Marketing Website Technical

**PERSONAL PROJECTS:**

chatbot for Hotel Management to Book Rooms

Built an NLP based chat bot to book hotel rooms using Customer

Name, Mobile Number, Address, ID proof, Room Type , date of

arrival and departure date.

Clinical Domain Classification

Built an NLP model which uses medical transcriptions and classifies

them to clinical domains( medical\_specialty) .

NLP based word/sentence translation

Built an NLP model to translate each word or sentence from English

to Spanish, French and German

Item Demand forecasting

Built models to predict demand of items in stores for next 3

months with the help of past data

Credit card default prediction model

ML model to predict the probability of credit default based on

credit card owner's characteristics and payment history

Predicting the health Expense of Customers

Built a prediction model which can help the hospital to predict the

future medical expenses of the patients

Customer Segmentation engine for Marketing Analytics

Built a Customer Segmentation Engine which can help a company to

take appropriate business strategies based on customer

preferences

Energy Efficiency prediction (Heating and cooling loads)

ML model to estimate HL and CL using traditional linear regression

approach and sophisticated state-of-the-art nonlinear nonparametric

method, random forests.

And many more in Github.

**ACHIEVEMENTS**

Infosys Insta award for 2021

**PERSONAL DETAILS:**

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