Shubham Madhav (1) Featured

System Engineer seeking roles in System Engineering, Front End Development, Project Management, Change Management, Requirement Analysis, Data Warehousing, Data Analytics, Business Intelligence, Machine Learning, JavaScript, Tableau, Python, HDFS, HTML, CSS, SQL, NLP



Current Designation: System Engineer Total Experience: 3 Year(s) 2 Month(s)

Current Company: TCS Notice Period: 1 Month

Current Location: Bengaluru / Bangalore Highest Degree: B.Tech/B.E. [Electrical]

Pref. Location: Bengaluru / Bangalore, Delhi / NCR

Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: System Engineer, Software Developer, Machine learning, Deep learning, Computer Vision, Change Management, Requirement Analysis, Data Warehousing, Data Analytics, Business Intelligence, Tableau, Python, SQL, NLP,

NLG

Verified: Email - id Phone Number |

Last Active: 21-Jan-21 Last Modified: 21-Jan-21

Summary

A conceptual, decisive and solution-oriented IT professional with 3 years 02 months of multi-disciplinary experience in Machine Learning, Data Warehouse and Front-End Development. I enjoy exploring problems and their potential solutions in many areas related to Machine learning and Data analytics . I am keen to adapt to various emerging technologies.

Work Experience

TCS as System Engineer Sep 2017 to Till Date

Machine Learning Experience

Disease Name Extraction (Name Entity Recognition):

- * Extracted disease names from 20k medical documents for clinical research using IOB term tagging
- * Pre-processed the data and built feature maps using Porter stemmer, context data and POS tags
- * Applied Conditional Random Field models to predict term tags and achieved F1 score of 0.79 Telecom Churn:
- * Built machine learning models to predict potential churn customers for a telecom-based client and recommended customer retention strategies.
- * Analyzed bivariate plots to identify trends and selected features using Recursive Feature Elimination.
- * Created new features based on customers data usage, voice usage and recharge patterns using historical data.
- * Handled data imbalance using SMOTE and used Logistic Regression, Random Forest and Gradient Boosting for modelling.
- * Achieved an AUC of 0.83 using Gradient Boosting technique.

Addiction State Classifier:

- * Built classifier to identify user addiction state by using data of 15k drugs related posts given with tags
- * Pre-processed the data, created TF-IDF features and built benchmark SVM and Naïve Bayes classifiers
- * Developed Bi-LSTM models using Glove word embeddings to achieve F1-score of 0.85
- * Results-oriented Front-end Developer dedicated to creating and optimizing interactive, user-friendly and feature rich websites.
- * Produced websites compatible with multiple browsers.
- * Work with micro-services teams on RESTful API designs assist with future scripted API's and websocket investigations

^{*} Designed and updated layouts to meet usability and performance requirements.

- * Work with the UI Designer on artistic digital design and provide animations, CSS and final HTML output.
- * Pinpointed user experience issues to devise targeted suggestions for creating cohesive user experience .
- * Developed landing pages , dashboards and online applications using Angular , CSS and Java script/type script .

Education

UG: B.Tech/B.E. (Electrical) from Siddaganga Institute of Technology (SIT) in 2017

IT Skills

Skill Name	Version Last Used Experience
Jupyter, Spyder, Google Collab	
Pandas, NumPy, Scikit Learn, Matplotlib	
NLP, TensorFlow, NLTK, NLG, HDFS	
Hive, PySpark, MySQL, SQL server	
Python, Javascript, SQL, Tableau	

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				

Affirmative Action

Work Authorization

Physically Challenged: No

Job Type: Permanent / Temporary

Employment Status: Full Time, Part Time