## 

Sr. Software Engineer seeking roles in Data Analysis, SQL, SSIS, Data Science, Data Modelling, Requirement Gathering, Predictive Analytics, Regression Analysis, Logistic Regression,,Functional Specifications,Client Interaction,,Machine Learning



Current Designation: Senior Analyst Total Experience: 5 Year(s) 5 Month(s)

Notice Period: 1 Month Current Company: IBM Current Location: Gurgaon Highest Degree: B.E [EEE]

Pref. Location: Pune, Jaipur, Delhi / NCR

Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Data Science, Data Modelling, Requirement Gathering, Predictive Analytics, Regression Analysis, Logistic Regression, Functional Specifications, Client Interaction, Machine Learning, Sqoop, Hive, SQL Server, SSIS, MSBI, ETL, Data

Warehousing, Data Analyst, SQL

Verified: Phone Number | Email - id

Last Active: 20-Jan-21 Last Modified: 20-Jan-21

## Summary

- Proactive and achievement-oriented professional with over 5 years of rich experience in in NLP, Machine Learning Algorithms, SQL & ETL.
- Exposure to building data models and applying learning algorithms in both supervised and unsupervised learning projects
- Keen analyst with skills in gathering and understanding requirements of clients & followed by translation into functional specifications as well as provisioning of suitable solutions
- Collaborated with DevOps, Architecture and infrastructure teams to implement conformant build/deploy pipelines specific to Machine Learning and Analytic workloads
- Strong acumen in organizing, analyzing, synthesizing and/or summarizing data using appropriate methodologies
- Worked on NLP tasks like review polarity prediction, Multi Label prediction model of tags for incidents, clustering along with dimensionality reduction techniques like PCA, TSNE

## Work Experience

**IBM** as Senior Analyst Aug 2019 to Till Date

Projects Executed:

Client: Axa XL Insurance/Re-insurance

Technology Used: Natural Language Processing, Python

Project 1: Music Generation using Deep Learning

Description: Generated Music using char RNN with ABC notation, padding

Models: Many to many LSTM

Project 2: Sentiment Analysis using RNN

Description: Found the sentiment polarity classification of a review

Models: Many to one RNN

Project 3: Service Now Polarity Review Prediction

Description: Predicted as many Service Now tags as possible with high precision and recall as well as analyzed data using

Boxplots and Seaborn, Matplot libraries

Data Preprocessing: Removal of Stop Words, HTML Tags, Duplicate Records, Snowball Stemmer

Models: Logistic Regression with One Vs Rest Classifier

Project 4: Built an Apparel Recommendations Model

Description: Recommended apparel to the user using Title text and analyzed data using Boxplots and seaborn, Matplot

libraries

Data Preprocessing: Removal of Stop Words, Duplicate Records, Stemming

Models: Custom Cosine Distance Method to find Closest Apparel

Project 5: Malware Multiclass Classification

Description: Identified whether a given file/software is a malware and File Types- Byte Files, ASM files. Reduced

dimensions using PCA, T-SNE and analyzed data using Boxplots & Seaborn, Matplot libraries

Features: Custom Features Extraction using BOW, Uni-Gram, Bi-Gram

Models: K-Means, Random Forest, Logistic Regression, Xg Boost with Hyperparameters Tuning

#### **Accenture** as Application Development Sr. Analyst Jul 2015 to Jul 2019

Growth Path:

Application Development Analyst Jul'15-Dec'18 Application Development Sr. Analyst Dec'18-Jul'19

Project Executed:

Client: Mortgages Application

Technology Used: Hive, SQOOP, Hue, PySpark, HDFS, SSIS, SSRS, SQL Server, C#, ASP.NET Key Result Areas:

- Led a team of 6 people in Mortgages Application & trained them for cascading functional and technical Management Information (MI)
- Loaded the RDBMS data into Hadoop/HDFS through SQOOP
- Functioned on the Pig scripts / UDFs for data manipulation as per the requirement; created & scheduled SQOOP jobs for incremental data through Oozie in Hue UI
- Resolved performance issues in Hive and Pig Scripts through the understanding of Joins, Group and Aggregation
- Managed & used Parquet files, Sequence files, RCFile, AVRO, ORC file formats as per requirement
- Wrote Dynamic T-SQL Queries, Nested Sub Queries, Joins, Functions with exception handling and resolved deadlocks
- Generated end-to-end SSIS packages having transformations, temp procedures, script tasks, logging, dtsconfig files, error handling, check points and dynamic data table transfer
- Executed Query Optimization using SQL profiler, global/local temp tables, indexing, CCI's, partitioning of tables
- Developed multiple SSIS packages which included variety of transformations such as look up, aggregate, derived column, conditional split, multicast, union all, merge, merge join, and data conversion, check points, transactions roll back
- Created and scheduled SQL agent jobs for saving SQL guery data into csv files and service efficiency
- Optimized SSIS packages, stored procs, SQL queries and automation of multiple reporting's

#### **Education**

UG: B.Tech/B.E. (Electrical and Electronics) from PES institute of technology, Bangalore in 2015

PG: B.E (EEE) from vtu in 0

Other Qualifications/Certifications/Programs:

Machine Learning with Python

Python, Pandas, Numpy

Transact-SQL

#### IT Skills

Skill Name	Version Last Used Experience
Hive, Spark, Pig, HBase	
SQOOP, oozie, Hue, SSIS, SSRS	
SQL, C#, and .NET Framework	
MACHINE LEARNING	

1/22/2021 

Natural Language Processing
SVM,Tensorflow, Keras
Decision Trees
Sklearn, Pandas, Numpy, Matplotlib
Python SQL, SSIS, Hive
Spark, RPA Pega, C#, and .NET Framework

# Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				

#### **Affirmative Action**

### **Work Authorization**

Physically Challenged: No

Job Type: Permanent

Employment Status: Full time