**Gireesh Kumar Muppalla**

**Mobile**: +91-8328138033, 9701965942

**Email**: gireeshmuppalla94@gmail.com

# Career Summary

Started career with Tech Mahindra as a software Engineer since Nov 2015 and till date.

# Skills Summary

* Machine Learning
* Natural Language Processing
* Python, R
* MS - SQL
* Hadoop
* Hive
* SQOOP
* PIG
* Java

# Professional Summary

1. Have around **3 years** of IT experience as a Software Developer in Tech Mahindra Ltd.
2. Have experience in building machine learning models for **Regression, Classification and Clustering techniques** using both **R** and **Python**.
3. Have good knowledge in usage of python libraries like **Pandas**, **NumPy**, **Scikit and Matplotlib.**
4. Good knowledge on **Dimensionality Reduction** Techniques like Principal Component Analysis **(PCA)** and **Factor Analysis**.
5. Good Knowledge on feature selection techniques like **forward selection and backward selection**.
6. Have experience in building Unsupervised Clustering models like **K- Means, Hierarchal Clustering (HAC)**.
7. Able to build supervised Machine Learning Models like **Multiple Linear Regression**, **Support Vector Machine (SVM)**, **Decision Trees**, **K-Nearest Neighbors (K-NN)**.
8. Able to build Machine Learning Models using **Azure Machine Learning Studio**.
9. Have knowledge on text analysis using **Natural Language Processing (NLP)** in Python.
10. Have knowledge on **Hadoop** eco-system components like **HDFS**, **Hive**, **Pig**, **Sqoop**.
11. Able to analyze and refine the data using **HiveQL** and perform transactions using Hive.
12. Experience in importing and exporting data using **Apache Sqoop** from Relational Data Base Systems to HDFS and vice-versa.
13. Able to write complex SQL queries and joins in **MS- SQL**
14. Ability to adapt to evolving technology, Self-motivated, responsible and proper time management with good Written, Verbal and Listening skill, commitment to co-operative teamwork.

# Project Experience

# Project Name: Global Analytics Duration: Jan 2018 to April 2018

**Description:**

Sears is an American hypermarket and chain of supermarket company in US. It wants to predict the number of sales in stores based on geographical area, average income, size of household etc. So that they can establish the new stores in new areas.

**Client:** Sears

**Tools & Technologies:**

Machine Learning, R, R-Studio

**Operating System:** Windows 10.

**Role:** Data Scientist.

**Responsibilities:**

I was a part of preprocessing the data that includes feature encoding, handling missing values, handling outliers, scaling the features and training and testing the model performance.

**Team Size:** 3

# Project Name: Original Equipment Manufacturer (OEM) Duration: July 2016 to Dec 2017

**Description:** OEM is one of the Microsoft wings where they provision software products like operating systems, office products and windows games etc. It’s an application support and enhancement project services to make the business and operations easier for Microsoft and its customers.

**Client:** Microsoft

**Tools & Technologies:**

SQL Server, Data Import Export Tool, SQL Profiler, Excel, Service NOW.

**Operating System:** Windows Server 2012 R2, Windows 7.

**Role:** Developer.

**Responsibilities:**

I used to develop the MS SQL store procedures during enhancements, troubleshooting issues using SQL Profiler, developing manual queries based on the reports requested by the business.

**Team Size:** 6

# Education

|  |  |  |  |
| --- | --- | --- | --- |
| **Year of Passing** | **Degree** | **Aggregate** | **Institution** |
| 2015 | B.Tech  (ECE) | 75.19% | Sri Venkatesa Perumaul College of Engineering and Technology, Puttur.  (JNTUA Affliated) |
| 2011 | Class XII (PUC) | 95.64% | S. V. R. Junior College, Venkatagiri |
| 2009 | Class X (SSLC) | 91% | Adarsha Vidyalaya, Venkatagiri |

# Awards

1. Participated in TechGIG Machine Learning challenge and secured 77th Rank out of thousands participated.
2. Received best idea award for an IRIS annual - Hackathon in Tech Mahindra.

# Personal Profile

NAME : Gireesh Kumar Muppalla

FATHER’S NAME : Mr. Narappa Naidu Muppalla

DATE OF BIRTH : 06-02-1994

ADDRESS (PRESENT) : Jivika Homestays, Patrika Nagar, Madhapur, Hyderabad,

Telangana - 500081

ADDRESS (PERMANENT) : Chilamanuru Village and Post, Balayapalle Mandal

SPSR Nellore, AP-524003

LANGUAGES KNOWN : Telugu and English

**Regards:**

(Gireesh Kumar Muppalla)