Venkata Mani Kumar Uppada



# CAREER OBJECTIVE

Have gained good exposure to understand various aspects of **Data Science** through Master’s Program which has developed a great sense of confidence at a very personal level. Hence, I seek a challenging position in the area of **Data Science, Machine Learning, Data Analysis, Data Engineer & related fields** where I can share my skills and expand my capabilities further in the pursuit of progressive career advancement.

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# PROFILES

**https://www.linkedin.com/in/venkatamanikumaruppada**

**https://github.com/venkata007-ghost/DataSceince**

# CERTIFICATION

## 1. Master’s Program - Data Science: Simplilearn Certified - 2023

* Statistics Essentials For Data Science
* Business Analytics with Excel
* SQL Training
* Applied Data Science with Python
* Machine Learning Course
* Tableau Certification Training
* Data Science Capstone
* Data Science With R
* Deep Learning with TensorFlow And Kera’s
* NLP

**2.Google Analytics**

# TECHNICAL SKILLS

* **Languages:** Python, JAVA, SQL, PostgreSQL, Django,
* **IT Tools: JIRA, Retool, Postman,** MS - Office, PowerPoint, Excel, Word
* Tensor flow, Tableau, power BI, R, Artificial intelligence and Machine learning, Keras, Scikit-learn

## SPSS Statistics

## Hadoop and Spark

# EXPERIENCE:

**April 2021 – Present: 91Social**

**Backend Engineer: CRED | Tech Operations (Finance)**

**Backend Engineer: One Quince | Ecommerce**

* Improved performance and reliability of databases, web services and other integrations.
* Developed and maintained core product services, libraries and frameworks.
* Deployed cloud infrastructure and distributed systems on AWS.
* Collaborated with other teams on security, automation and internal tools.
* Integrated third-party APIs from external applications into web platforms.
* Authored code in Python and JavaScript within Django framework.
* Built APIs and data clients to consume APIs.
* Developed server-side logic in Python and JavaScript.
* Managed efficient SQL queries and data transport.
* Used python, JavaScript, AWS, Rest APIs, JIRA, Retool, Tableau, SQL
* Explained technical trade-offs of different approaches to stakeholders and estimated development time required

**September 2019 - April 2021**

**Application Support Engineer: HCL | Telecommunications**

## Resolved product design, acquisition and launch concerns to achieve customer's targeted business goals.

## Communicated technical development stages and provided design support to stakeholders.

## Participated in design and planning exercises for future software rollouts.

## Worked closely with other team members in such tasks as troubleshooting and debugging.

## Resolved system test and validation problems to provide normal program functioning.

## Partnered with the development team on product development and application support plans.

## Addressed technical issues and guided end users through resolution.

## Used UNIX, Shell Scripting, Java and SQL Server to develop new applications.

# EDUCATION

2015 - 2019

**B.Tech** | Electrical and Electronics Engineering

SRKR Engineering College, Andhra University A.P

2022 -2023

Post-Graduation in Data Science | SimpliLearn(PURDUE University | IBM)

**ADDITIONAL INFORMATION**

* Languages: English, Hindi, Telugu, Kannada
* Soft Skills: Can work in diversified environment with multi-task activities

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# PROJECTS

# Health care

# Technologies used - Python, SQL, Tableau, Machine learning.

# Task completed - Calculated and printed BMR of the data provided. Invented plots and represented data in the form of graph.

# Mercedes Benz Greener Manufacturing

# Technologies used - Machine Learning

# Task Completed - Checked for null and unique values for test and train sets, applied label encoder, performed dimensionality reduction, predicted test\_df values using xgboost.

# Comparative studies of countries

# Technologies used - Python, SQL, Tableau, Machine learning.

# Task performed - created KPI Table, growth inductor and represented data with Map.

# Cafe Ocean Data Analysis

# Technologies used – R, Tableau, Machine learning.

# Task performed - Described customer traffic in monthly, daily, and hourly granularity and Perform menu analysis to come up with the combo the customers will like the most.

# Telecom Complaints

# Technologies used – Python, Tableau, Machine Learning.

# Task performed - Provided the percentage of complaints resolved till date, which were received through the Internet and customer care calls.

# Super Store Data Analysis

# Technologies used – Python, MySQL, Tableau

# Task performed - pre-processed the data using Python for improved performance, used a structured query language to retrieve useful information from the database, and visualize the data using the Tableau tool.

# Phishing Detector

# Technologies used – Python, Tableau, Machine Learning.

# Task performed – Plotted the test samples along with the decision boundary when trained with index 5 and index 13 parameters.

# Amazon Movie Based on Ratings Recommender System

# Technologies used – Python, Tableau, Machine Learning.

# Task performed - Built a recommendation model on training data and Made predictions on the test data

# Income Qualification

# Technologies used – Python, Machine Learning.

# Task performed - Predicted the accuracy and checked the accuracy using random forest classifier with cross validation.

# Retail

# Technologies used – Python, Tableau, Machine Learning.

# Task performed – Built and Analyzed the RFM segments by summarizing them and comment on the findings.

# Real Estate

# Technologies used – Python, Machine Learning.

# Task performed – Updated observations for rent as a percentage of income at an overall level for different states. Performed correlation analysis for all the relevant variables by using heatmap.