K PAVAN KUMAR

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Contact: +91-8019620741.

OBJECTIVE

An Urge to work in an organization to efficiently leverage my skills gained through my experience and learning for better decision-making support for driving business growth.

PROFILE SUMMARY

- Currently working with **GSPANN TECHNOLOGIES PVT.LTD** as **JR Data Scientist** in Hyderabad.
- Pursued **DATA SCIENCE SPECALIZATION** from **JIGSAW ACADEMY.**
- Pursuing **BIG DATA SPECALIZATION** certificate program from **JIGSAW ACADEMY.**
- About **2 Years** of experience in **Data Science.**
- Experience in **Machine Learning, Statistics, Regression-Linear, Logistic**
- **Tool and Techniques worked on**: Supervised and Unsupervised classification (Naïve Bayes, Support Vector Machines, Random Forest etc.), Regression.
- **Interest Areas**-Mathematics, Programming, Automation, Business Analytics, Data science, Statistical Modelling, Predictive Modelling, Text Mining, Machine Learning,

QUANTITATIVE SKILLS

• Logical and Analytical abilities	• Problem Solving skills
• Leadership	• Willingness to learn new things and apply
• Domain Knowledge: Manufacturing/Retail.	• Self-Starter and taking initiatives in building my own skills

ANALYTICAL SKILLS

• Statistics and Predictive Modelling-Linear and Logistic Regression, Hypothesis Testing, ANOVA.	• Machine Learning-Supervised and Unsupervised Learning • NLP
• Data Visualization-Matplotlib, Seaborn, ggplot2(R)	• Deep Learning (Keras)

TOOLS

• Python- Anaconda, Pandas, Scikit-Learn, NumPy, pyspark, selenium, Keras • Version Control System (Git & Github) • HTML, MS Office.	• Packages used- dplyr, ggplot, tm etc. • R Project, R studio- R for Data mining and Analysis • RPA (UiPath) and Tableau

EDUCATION

Degree/Course	Institute/University	Year	Percentage
Data science with R	Jigsaw Academy	2016-2017	-
B. Tech (Electrical & Electronics)	JNTUK, Kakinada	2012-2016	82.07%
12th	Sri Gayathri Jr College	2010-2012	93.40%
10th	G.C.S.S Jr College	2009-2010	93.00%

CERTIFICATIONS

- Certificate course from **JIGSAW ACADEMY** on **DATA SCIENCE.**
- Pursuing **BIG DATA SPECALIZATION** from **JIGSAW ACADEMY**.
- Certificate course from UDEMY on **MACHINE LEARNING A-Z™** using **python** and **R**.
- Certificate course from UDEMY on **PYTHON BOOT CAMP and PySpark**
- Certificate course from UDEMY on **Complete MySQL for Data Science.**
- Completed **UiPath Level - I Foundation Training** by **UiPath RPA Academy** and got **Diploma on Completion.**
- Pursuing **Robotic Process Automation** (UiPath) Developer Certification from **UiPath.**

PROFESSIONAL EXPERIENCE

GSPANN TECHNOLOGIES **Software Engineer - Data Science** **Jun-2017 to till date**

Project: **Strategically Determine Surged Price Pattern via Predictive Data Analytics**

- Optimized manufacturing cost reduce complexity, and enable strategic decision making with the data-driven predictive analytics.
- By solving business problem through the combined power of Data Science and Machine Learning techniques. We analyzed the behavior of each supplier, as the price surge / extra fees was incrementing year-over-year (YOY).
- Moreover, we trained the predictive model (developed in Azure ML Studio) on historical data of purchases for last three years, which consists of purchase order data, supplier features and historical transactions, product features etc.
- This real-time estimation helped the client in reducing the expedited delivery expenses.
- Technologies Used: **R, Python, Jupyter Notebook (Anaconda) Azure ML Studio.**

Project: **Predicting Return Behavior of Customer after Repurchase using ML Techniques**

- It has been observed that some customers are re-purchasing a merchandize (which they have purchased sometimes back with a higher price) with an "I**ntent to return the repurchased merchandize**" to get a "**price adjustmen**t" against the "**merchandize purchased earlier**".
- The goal is to develop a solution that will offer a "proactive price adjustment" suggestion if the new transaction is considered to be a **"Repurchase with an intent to return for price adjustment"** pattern.
- For learning developed entire project work flow in **Pyspark** too.
- Technologies Used: **R, Python, PySpark, Jupyter Notebook (Anaconda)**

Project: **NLP Chat bot for DevOps**

- Worked as Developer to build a **Rule-based** & **NLP** based Multi-User Chat-bot for **DevOps Team** to reduce the internal manual work.
- Integrated to **CISCO WebEx** messaging Platform and deployed into in-house Production server.
- Mainly serves to solve the internal problems specific to DevOps team.
- Getting Dockers Logs, Check health of applications, Restarting Dockers, IAM Authentication, Creating incidents are some of the use cases implemented.
- Technologies Used: **Python-Flask, NLP, Jupyter Notebook (Anaconda), Ngrok, Sublime Text Editor**

Project: **CR Inventory Management using Predictive Analytics**

- Performed EDA using HIVE Queries to gain valuable insights from available sales data.
- Forecasted **Daily** and **weekly** Sales to maintain the inventory stocks as per predictions.
- Finally, mapped the predicted inventory with weekly Forecasted sales.
- Implemented Work Flow in **Azure ML Studio**.
- Technologies Used: **Python, Jupyter Notebook (Anaconda), HIVE**, **Tableau, Azure ML Studio.**

Project: **Web Scrapping Using Python**

Scrapping Live Data from Azkaban Job Scheduler

- Scrapped the live data generated through Big data Map Reduce work via Azkaban Scheduler UI using python Selenium.
- Generating Summary reports of all jobs running day from scrapped data.
- Sending mails automatically based on predefined frequency to clients using Windows Task Scheduler.
- Technologies Used: **Python-Selenium, Jupyter Notebook, Windows Task Scheduler**

Monitoring the Recommendations of Shopping Website

- To monitor the performance to **Recommender system** built on ML Technique.
- Scheduled script to get the displayed recommendation on a webpage from specific channel (Mobile, Tablet, Website) on hourly bases.
- Made Automatic mail delivery system through python to send the scrapped recommendations displayed on webpage to the client.
- Technologies Used: **Python-Selenium, Jupyter Notebook, Windows Task Scheduler**

EXTRA CURRICULAR ACHEIVEMENTS

- 10th class school **Topper**.
- Received gold medal for achieving **100%** in Science in S.S.C
- Trained **30+** newly joined Fresher's as Internal **Python Trainer** in GSPANN.

PERSONAL DETAILS

Father's Name	:	K. Srinivasa Rao
Hobbies	:	Coding, Listening to music, painting, and reading books.
Languages Known	:	English, Telugu.
LinkedIn profile	:	www.linkedin.com/in/pavan-kumar-a46b7897
Git-Hub	:	https://github.com/Pavvan-K
Website	:	https://analyticswithr.weebly.com
Address	:	Plot No: 301, Surya Chandra residency, Prashant Nagar colony, Kothaguda, Kondapur-500084.

DECLARATION

I do hereby the declared above information is true to the best of my knowledge and belief.

Place: Hyderabad,

Date: