K PAVAN KUMAR

Email: pavvankanamarlapudi@gmail.com

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 SPECIALIZATION** from **JIGSAW ACADEMY**
- Pursuing **BIG DATA SPECIALIZATION** certificate program from **JIGSAW ACADEMY**
- Overall **3.5** years of experience in **IT.**
- About **3 Years** of experience in **Data Science**
- Experience in **Machine Learning, Statistics, Regression-Linear, Logistic**
- **Tool and Techniques worked on** NLP-NLTK, Scikit Learn - Supervised and Unsupervised ML Algorithms (Regression, Classification, Clustering, Ensembling Methods - Bagging, Boosting, Naive Bayes, SVM, PCA)
- **Interest Areas**-Mathematics, Programming, Automation, Machine Learning, Deep Learning, Business Analytics, Data science, NLP, Statistical Modelling, Predictive Modelling

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

EDUCATION

Degree/Course	Institute/University	Year	Percentage
Data science Specialization	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

- Certification 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.**
- Completed **UiPath Level - II Orchestrator Training** 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**

Client: LAM Research Group

- The objective was to identify the hidden surged price pattern and getting new insights from predictive analytics
- The client had the historical data for surged price / extra fees that was paid to the suppliers for expediting delivery of semiconductor parts and components, but don't have a trained model to identify and analyse the factors for predicting the behaviour.
- We identified and analysed the attributes impacting the surged price / extra fees. We addressed each suppliers' behaviour while charging extra fees and its association with the delivery time that was affecting the cost
- This real-time estimation helped the client in reducing the expedited delivery expenses
- Technologies Used: **R, Python, Azure Machine Learning (ML) Web Service, Atlassian JIRA and Confluence**
- For Reference: https://drive.google.com/open?id=17109DkJ9-EIzjvqv25I7f4Ph0JC3LDBr

---

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

Client: Macy's INC, USA

- 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**: Python, PySpark, Jupyter Notebook (Anaconda)**

Project: **NLP Chatbot**

Client: In-House Product

- Built an **NLP** based Multiuser Domain Specific Chabot.
- 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, OOPS, NLTK, WebEx Messaging Platform API & Web hook, Jupyter Notebook, Ngrok (Port Tunneling Service)**
- For More: https://www.gspann.com/resources/blogs/industrial-chatbots-use-cases-in-devops#

Project: **Inventory Management using Predictive Analytics**

Client: Charrless routte.

- 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 Queries, Tableau, Azure ML Studio.**

Project: **Web Scrapping Using Python**

Scrapping Live Data from Azkaban Job Scheduler UI

- 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

- 10^{th} 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.
D.O.B	:	26-Mar-1994
LinkedIn profile	:	www.linkedin.com/in/pavan-kumar-a46b7897
Git-Hub	:	https://github.com/Pavvan-K
Medium	:	https://medium.com/@kpavankumar_19821
Website	:	https://analyticswithr.weebly.com
Address	:	Plot No: 301, Surya Chandra residency, Prasanth 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: