**Stalin Parupalli**#401, Manikonda Condos  
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**Objective**

“I aspire to be a competent professional by exercising my academic, behavioral and technical skills to achieve organizational objectives and also be a part of an organization, with opportunities of continuous learning and growth in career”.

**Professional Summary**

Proficient expertise in implementing statistical machine learning solutions to various business problems such as risk identification, customer influence, consumer behavior, hiring trends and decision making process.

**Work Experience:**

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| Role: Data Scientist | Organization: BEPEC | Nov 2015 to Nov 2017 |

**Roles and Responsibilities**:

* Data Science proficient with 2+ years of involvement in conveying end to end information science ventures utilizing R, Tableau and Minitab
* Capability in measurements, machine learning and making convincing representations.
* Worked in multiple parts for Retail, Banking and Insurance for better improvement.
* Business understanding, Data understanding, Data planning, Modeling, Evaluation and Deployment
* Experience on Data wrangling, Data preparation and Data Visualization with R and Tableau.
* Significant expository and critical thinking aptitudes alongside capacity to comprehend current business forms and execute successful solution.
* Worked with different business units within sales and marketing to understand information needs and provide effective data management and analysis solutions to analyze business environment.
* Turned out to be interested to mine shrouded bits of knowledge and present complex information examination to non-systematic group of onlookers.
* Implemented surveys, interviews and expert meetings to identify client demand and key challenges

**Project Experience**

**1. Behavior Analytics:**

Data Driven Suggestions to Increase Revenue in BEPEC

Implemented clustering and decision trees and discovered association rules using R

* Analyzed among 28courses in 50000customers, and found patterns in consumer behavior
* Visualized data using Tableau, gave practical suggestion for organizations in BEPEC to increase revenue

**2. Purchase Pattern:**

Extracted huge data from marketing, sales, content writers and from trainers to check which features are affecting customer to take up the course.

* Implemented Decision Tree Algorithm on 60,000 different participants and 15 columns
* Gained an Accuracy of 85% after pruning the tree able to 92%
* Trained it on multiple samples and to get better correlation between the accuracies.

**3. Risk Analytics:**

Pulled 5000 past loan approval criteria from Kotak Mahindra Bank, to identify the risk factor for certain features of customers.

* Performed Feed Forward Neural Network to train on 3500 past loan approval criteria and tested on 1500 test data.
* Got 81.75% Accuracy and increased the hidden nodes to 9 and taken 7-8mins processing time to train and 4-5mins to predict the test data of 1500 with an accuracy of 89.278%

**4. J&J:**

* Shaping the lot of data from unstructured to structured and pulling out relevant data.
* Building forecasting model to unfold various revenue opportunities and to recognize various patterns out of the data to make actionable decisions.
* Implemented various Machine Learning techniques to enable J & J to automate the process
* Machine Learning helped to decrease provisioning time from 3 months to 1 hour that has been a game changing one which enabled them to make decisions quicker, faster and better.

**5. HR Trends:**

* 10,000 applications are received on every year to hire an employee, out of 10,000 only 500 are hired into company.
* Planned to identify various trends in 50,000 resumes by using K-Means Clustering.
* Conducted Text mining by using NLP on all Summaries of 50,000 Resumes and identified highly used words in all 50,000 resumes by means of wordcloud
* Finally uncovered various patterns out the data and processed towards automation by using supervised algorithms

**Technical Skills**

Skills: Data Visualization, Text Mining, Data Manipulation, Statistical Analysis and Machine Learning

Tools: Tableau

Programming Languages: R, Python

**Achievements**

* Passed Union Public Service Examination for National Defense Academy, Combined Defense Services in 2006 and 2010 respectively.
* Passed Pilot Aptitude Battery Test conducted by Indian Air Force in the year 2006.
* Secured percentile of 90.1 in All India Management Aptitude Test (MAT) in the year 2011.
* Secured first in PGDM-HR course at Siva Sivani Institute of Management 2011-13

**Education**

**Post Graduation Diploma in Management** Aug 2011 - October 2013Siva Sivani institute of Management CGPA 7.75/10   
AICTE & UGC Board   
Hyderabad, Telangana

**Bachelor, Technology** June 2006 - August 2010MLR Institute of Technology Percentage 58.68%  
JNTU HYDERABAD   
Hyderabad, Telangana

**Languages**

* English
* Hindi
* Telugu

**Personal Interests**

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| --- | --- |
| * Reading books |  |

**Personal Details**

Father’s Name: Mr. P.V.Krishna Rao Marital Status: Married  
Birthday: June 01, 1988 Nationality: Indian  
Gender: Male

**Declaration**

I, Stalin Parupalli, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Stalin Parupalli Hyderabad, Telangana

November 17, 2017