**M N V Satya sai muni parmesh**

☎: +91 9550170335 **│** ✉:munagalaparmesh@gmail.com

**PROFILE SNAPSHOT**

* Astute & versatile technocrat IT professional offering **1.9 years** of progressive experience in Analysis Design, Development and Implementation of various Machine learning project and deploying through postman
* Proficient in providing input to the continual development of tooling and reporting to provide tangible business benefit
* Collaborate to develop a clear picture of quality metrics and delivery goals, and stick to it during the sprint
* Expertise in creating design documents such as activity diagrams, data flow diagrams, user interface and interface mappings
* Strong analytical and troubleshooting skills with a strong desire to solve complex problems related to client .
* Proven ability in developing code components in Python and SQL.

**TECHNICAL SKILLS**

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| **Machine learning**  **Visualization**  **Languages** | Linear Regression, Logistic Regression, Decision Tress ,Random Forest,  Gradient Decent, Cluster  Matplotlib  Python, SQL |
| **Operating System**  **Tools** | Windows, Ubuntu  JIRA |
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**AREAS OF EXPERTISE**

Design Analysis, Linear Regression,Logistic,Regression,Decision,Tress,RandomForest,Gradien Decent, Cluster, CNN, LSTM,GAN, text pre-processing & normalization techniques such as tokenization, SQL querying skills & data processing using SQL, Experience in descriptive & predictive analytics, hands on experience implementing & executing Data Science projects throughout

the entire lifecycle,

**CAREER HISTORY**

**Oct 2019 – July 2021 System Engineer | Tata Consultancy Services , Hyderabad**

**KEY PROJECTS DELIVERED**

**Project #1 | Project Title: Bank Network Process** **| Organization:** TCS

BNP is a central repository CRM tool where we maintain complete user details of leading bank. We maintain user information, account details. Transaction information as well and services used by customers. The objective of this project is to target more number of customers to open Bank account and minimize closure of accounts.

Roles and Responsibilities

* Gathered data from sources. 3rd party data source (E.g. - credit card from vendor)
* Pre-processing of Data,Complete EDA on data to understand the structure of data
* Reported EDA to bank to come up with business strategies
* Build a classification model (Logistic Regression) to predict the customers closure of accounts.
* This model gave the accuracy of 91% accuracy.
* Sales team will connect to the customers (which model has predicted they may close account in near future)

**Project #2 | Project Title: Service Now Incidents ML model | | Organization:** TCS

This tool is developed to help new joiners to get a quick resolution based on how the similar previous incidents were handled.

* Implemented a model based on way previous incidents are handled using NLP.
* Performed Data Gathering, Analysis and Data Cleaning.
* Improved the model performance by implementing boosting techniques such as XG-boost and ensemble models.
* Performed Random Forest, Decision Tree, Logistic Regression, and KNN to predict the performance.
* This model gave the accuracy of 94% through random forest and was implemented through snow API.

**Project #3 | Project Title: Credit risk assessment using ML model | | Organization:** TCS

This model infers the significance of using machine learning algorithms to predict bad customers.

* Implemented a model based on the data provided my banks team.
* Performed Data gathering, analysis and data cleaning.
* Applied different machine learning algorithm and among all the Logistic regression provided the best results with an accuracy of 89%.

**ACADEMIC QUALIFICATIONS**

* **Bachelor of Technology** in Mechanical Engineering from KL University, India, 2016
* **Masters In Technology** in Thermal Engineering form JNTUK, Kakinada , 2019