

Thudimilla Saiprasad

Experience in executing full life-cycle development projects; ramping up projects within time, budget & quality parameters, as per project management & best practice guidelines, targeting assignments in **Data Science, Machine Learning , Deep Learning** and with good amount **GIS Domain** Knowledge with ARC GIS with an organization of high repute
Location Preference: **Hyderabad and Bengaluru**

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Profile Summary

- **Achievement-driven professional** with an experience of **nearly 3+ years**
- Experience in creating **Artificial Intelligence** applications with **Machine Learning, Deep Learning with Python.**
- **Machine Learning Techniques includes Linear and Logistic Regression with Regularizations and Recommendation, Boosting, SVM, PCA, Text Mining, Word Cloud with Sentiment Analysis.**
- **Deep Learning Techniques includes ANN, CNN , RNN.**
- Skilled in libraries such as **Tensor flow, Sklearn, Numpy, Pandas, Matplotlib, Tableau for Data Visualization** and learning Power BI basics.
- Extensive knowledge of working with **database like SQL database like MySQL.**
- **Worked Independently for Deployment of Models using Docker and Kubernetes in AWS cloud, Google cloud and Azure.**
- GIS domain knowledge with **AutoCAD, ArcGIS, Client base tool FUSIONX.**
- Expertise in manipulating and analyzing complex, high-volume, high-dimensionality data from varying data sources.
- Good proficiency in Microsoft Office Excel and Word Documentations.
- Corporate Training Experience for more than 2+ years.

Work Experience

 **RMSI PVT LTD, Hyderabad**

15/may/2017-01/Oct/2019

Key Result Areas:

- My major role in the Production floor on the production of digital maps where I used to attribute digital maps such as Speeds, Restrictions, walkability, providing maneuvers restrictions and layers joining.
- Where I got opportunity in the generating quality reports based on the weekly and monthly based for to discuss in the Quality meetings.
- Working closely with business and engineering teams to encourage statistical best practices with respect to experimental design, data capture.
- Ability to read and understand technical specifications of prioritizes tasks and meets deadlines and has skills to discuss issues/solutions with team and team lead.
- Worked with cross functional teams (i.e. Spec team subject expertise, Hardware and Product and higher Management) to accomplish assignments in the given deadlines.

 **UFOAM PVT LTD, Hyderabad**

1/Jan/2014-15/Sep/2014

- To assist design development in resolving the technical problems faced with the design and production process. Worked as a trainee and learn model design, calculations, cost estimation, design and production data and generating weakly and month reports with the help of the scenarios associates.

Highlights:

- ❑ Executed some internal projects as Data Analyst with using tools such as Tableau for Data Visualization
- ❑ Recognized by managers, colleagues, and peers for innovation, communication, and teamwork to ensure quality, timely project completion.

Annexure (Project Undertaken)**Project: Titanic Survivors**

Description: This project aims to perform ML Techniques on the Titanic Train Dataset which contains 14 different variables and 891 records and predict which passengers survived the tragedy in class/gender/age. Here the problem I faced to identify which type variable is Imp and which class people are been survived and made EDA to understand data made analysis and build model and applied basic ML concepts.

Working on the different data sets on the adopting Recommendation, Regularizations, Boosting and SVM Techniques.

Technology: Machine Learning, Python, Tableau for Data Visualization.

Pipelines Created:

- Data Collection
- Feature Engineering
- Feature Selection
- Model Creation
- Model Hyper parameter Tuning

Duration: On the pursuing data science course.

**Education**

- 🎓 **B.Tech. (Mechanical Engineering)** from Avanti's Scientific Technological Research Academy of Engineering, Hyderabad, JNTUH, Telangana in 2013 with 68.32 percentage.

Technical Skills

- 🎓 **Programming Languages:** Python, Machine Learning, Artificial Intelligence, Deep Neural Networks, Sklearn Libraries.
- 🎓 **Databases:** MySQL.
- 🎓 **Platforms and Misc.:** Anaconda, Jupyter Notebook, Spyder IDE, Visual Studio 2017, VS 2016, Anaconda, Python IIS, Windows 10 and Mac ios.

Personal Details

Date of Birth: 29/03/1992

Languages Known: Telugu, Hindi and English.

Address: H.no: 1-8-269, New Municipal Colony, Dilsukhnagar, Telanagna, India.

(Refer to Annexure for Projects)