Ratnagiri Sai Tanmayi

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📍 kadiri, India in LinkedIn

○ GitHub

Profile

Having a responsible and challenging role in a company with good financial and employee relations that will help me to become a better employee at work and give my best in every task, using both my professional and technical skills.

Education

2020 – 2024 Amaravati, India	**B.Tech** *Vellore Institute of Technology*	
2018 – 2020 Tirupati, India	**Intermediate** *Narayana Junior College*	
2017 – 2018 kadiri, India	**10th Standard** *Narayana High School*	

Professional Experience

2024/01 – 2024/07 Hyderabad, India	**Software Engineer Intern** *S&P Global Market Intelligence* ↗

Projects

DiversiFusion Application
- This project presents the design and implementation of a comprehensive web-based platform aimed at streamlining the procurement process for construction materials, Medicines and Electrical Appliances.
- This web application seeks to bridge the gap between suppliers and consumers in the construction, pharmacy and electrical appliances sectors, providing a unified platform for efficient product exploration, selection, and purchase.

Travel and Tourism Management System
- Created a Desktop based application using Java and MYSQL.
- Provides customers with a convenient platform for booking hotels in various places.

Customer Segmentation by using Machine Learning in R
- It is developed by using a class of machine learning known as Unsupervised learning.
- It uses clustering algorithm called K means clustering algorithm to partition data into K groups based on their similarity.

Credit Card Financial Dashboard Using PowerBI
- Developed an interactive dashboard using transaction and customer data from a SQL database, to provide real-time insights.
- Streamlined data processing & analysis to monitor key performance metrics and trends.
- Shared actionable insights with stakeholders based on dashboard findings to support decision-making processes.

Diwali Sales Analysis using Python
- Performed Data Cleaning and Manipulation.
- Performed Exploratory Data Analysis(EDA) using pandas, matplotlib and seaborn libraries.
- Improved Customer experience by identifying potential customers across different states, occupation, gender and age groups respectively.

Skills

Programming Languages
Java | R Programming | Python(Pandas, Numpy)

Web Technologies
HTML | CSS | TailwindCSS

Databases
MySQL | PostgreSQL

Machine Learning
Regression | Classification Models | Supervised | Unsupervised | Reinforcement | Scikit-learn

Technical Skills
Data Structures and Algorithms | DBMS | Object Oriented Programming(OOPs Concepts)

Trending Technologies
ReactJS | Git

Data Visualization
PowerBI | MsExcel | Matplotlib | Seaborn

Certificates

- Certified by Verzeo on Azure Cloud Computing ⧉
- Certified by Kulturehire on Data Analyst Internship ⧉
- Certified by Coursera on Google Data Analytics ⧉

Organizations

2021 – 2022	**ACM Student Chapter**	
Amaravati, India	*Marketing Team member*	