



# Tejaeshwar T M

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A committed and proactive student with a strong passion to craft innovative solutions and understand the business market.

With serious interest in analytics and business, I am working toward means to enlarge my potential and contribute my logical and coding skills in analytics and development.

## EDUCATION

### Pursuing BE- Automobile Engineering

Anna University: Madras Institute of Technology Campus, Chennai  
2020 - 2024  
CGPA - 8.7

### Pursuing BS - Data Science and Applications

IIT Madras, Chennai  
2021 - 2025

### CBSE Board

Class - XII : 91.4 %  
Class - X : 85.4 %  
Montfort school, Trichy - Tamil Nadu  
2021 - 2025

## SKILLS

### ADVANCE

Python Programming

Java Programming

Microsoft Excel

### INTERMEDIATE

PowerBi, Tableau

SQL, MongoDB

Matplotlib

### BASIC

Shell Programming

Backend Dev

Git

## COURSEWORK

Machine Learning Techniques

Data Structures and Algorithms

Statistics for Data Science

Business Analytics and Data Management

System Commands

Database Management Systems

Modern Application Development

Mathematics for Data Science

## EXPERIENCE

### Machine Learning Architect - Ashok Leyland

June 2023 - July 2023

- Collaborated closely with the engineering team and leveraged **SKLearn**, **Matplotlib** and other **Python libraries** to train machine learning models.
- Leveraged more than 2,00,000 datapoints to successfully create a predictive model that demonstrated a 92 percent accuracy in identifying air filter issues ahead of time, leading to substantial cost savings and enhanced vehicle reliability.

### Product Line Intern - Micrho Plast

June 2022 - July 2022

- Proficiently designed and developed a robust inventory management system using **HTML**, **CSS**, **JavaScript** and **PostgreSQL**.
- Created a user-friendly, web-based Inventory Management portal, providing real-time access to inventory data, optimizing stock levels, and improving supply chain efficiency.
- Collaborated with cross-functional teams to gather requirements, conducted user training sessions, and ensured seamless integration of the new systems into the daily operations of the company.

## PERSONAL PROJECTS

### E-commerce Analysis:

In-depth market research and strategic implementation to identify market trends and consumer behavior, resulting in actionable insights that drove business on an e-commerce website using **Python**, **Matplotlib**, **Scikit-learn** and **PowerBi**.

### Automation of Data Visualisation for Vehicles:

Leveraged advanced data analytics and visualization tools to enable stakeholders to gain real-time insights into vehicle performance and operational data and graph useful information automatically.

### A Kanban Application.

A task tracking application with an attractive and clean-cut UI, made using **SQL** database to store and share tasks that can function for multiple users, created using **Python-Flask**, **HTML**, **JS** and **CSS**.

## ACHIEVEMENTS

- **Founder of StudentPageMit** - A Newsletter
- **Head of Quality Management Systems and HR Manager** for Paradox '22 and '23
- **Placement Representative** of Department of Automobile Engineering
- **Chief of Staff** of Intra-Model United Nations
- Participation in **GDSC Hackathon**

## ACTIVITIES

### Athelete and Musician

Have always been keen about sports and have shown my contribution in the college and football club and music club for 3 years.