

# TEJA GOLLA

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## EDUCATION

- **Sree Vidyanikethan Engineering College** Andhara Pradesh, India  
*Bachelor of Technology - GPA: 8.9* July 2019 - August 2023  
*Courses: Data Structures, Analysis Of Algorithms, Object-oriented Programming Operating Systems, Databases Management*

## SKILLS SUMMARY

- **Languages:** Python, SQL
- **Tools:** GIT, VS code, PostMan
- **Web Tech:** HTML, CSS and React JS, Express JS
- **Data Analytics:** Exploratory Data Analysis, Data Visualization
- **Soft Skills:** Event Management, Content Writing

## INTERNSHIP EXPERIENCE

- **AICTE IDEA LAB** On-site  
*Technical Trainer, Instructor (Full-time)* November 2022 - May 2023
  - Developed and executed FDM 3D printing programs, enhancing printer uptime by 20% & maintenance for 15% improved efficiency. Created a comprehensive documentation user for understanding and reducing errors by 10.
  - Provided advanced laser and wood-cutting instruction, resulting in a 15% improvement in manufacturing efficiency through optimized processes and the effective utilization of advanced technology.
  - Offered technical support and guidance to students, staying updated with the latest advancements in Additive Manufacturing, contributing to their 20% increase in understanding and knowledge of the field.

## PROJECTS

- **PREDICTIVE PRICING MODEL FOR USED CARS AT CARS4U:** Developed a predictive pricing model for used cars at Cars4U, employing data analysis and machine learning to understand market dynamics and optimize pricing strategies. Conducted comprehensive data cleaning and analysis, processing over 7,000 records to extract key insights into car attributes and pricing trends. Built and evaluated multiple linear regression models, achieving an accuracy rate of 90% in predicting used car prices within a 5% margin of error.  
Technologies used: Python, Pandas, NumPy, Matplotlib, and Scikit-learn.
- **PIZZA ORDER MANAGEMENT SYSTEM —(A Demo front-end application):** Implemented an intuitive user interface with responsive design, ensuring optimal user experience across various devices. providing customers with an interactive ordering process. ensuring a clear interface and efficient code.  
Technologies used: HTML and CSS, Bootstrap, React JS      Link: [Pizza-Management System](#)
- **TINY-DOG STARTUP WEBSITE — Landing page for a startup:** Created and maintained a website focused on small dog breeds, providing valuable resources, articles, and community engagement to promote responsible pet ownership.  
Technologies used: HTML and CSS, Bootstrap and Java Script      Link: [Tiny-Dog Website](#)

## CERTIFICATIONS

- Certificate of presentation in 6th International Conference on Advanced Materials Modern Manufacturing ICAMM
- NPTEL Online Certification in Programming Data Structures and Algorithms using Python
- NPTEL Online Certification in Data Base Management System
- Certification in Programming Essentials in Python course, provided by Cisco Networking Academy®
- Certification in Introduction to Cybersecurity, provided by Cisco Networking Academy®
- Certification of Participation in IUCEE - Wadhwani Foundation NEN Active Program 2022

## HONORS AND AWARDS

- Engineering - Top 2nd person of the branch with the highest academic score - August 2019 to August 2023
- Solved 300+ problems on Leet code and Hacker Rank
- District 1st Prize Winner in Bhagavad Gita Competition in the year of 2012 and 2013 (school)
- Runner's Up at INDIA DESIGN WEEK 2022 Finals Organized by ICT Academy Powered by AUTODESK - 2022

## VOLUNTEER EXPERIENCE

- **Vice President at CAMS(Creative Association of Mechanical Students)** Tirupati, India  
*Conducted online and offline technical & skill enhancing events impacting over 900 students.* January 2020 - May 2023
- **Event Organizer and Executive at ISTE (Indian Society for Technical Education)** Tirupati, India  
*Organized events, Managed Team & conducted workshops reaching over 90 % of College students.* January 2019 - May 2023