

# 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, PostgreSQL
- **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, utilizing data analysis and machine learning to optimize pricing strategies. Conducted extensive data cleaning and analysis on 7,000+ records, extracting key insights into car attributes and pricing trends. Achieved 90% accuracy in predicting used car prices within a 5% margin of error using multiple linear regression models.  
Technologies used: Python, Pandas, Scikit-learn, Data visualization libraries
- **FAMILY TRAVEL TRACKER:** Developed a web application to track family travels by marking visited locations on an interactive map. Users can seamlessly add family members to their accounts securely authenticate for personalized access.  
Technologies used: HTML, CSS, Express.js, and PostgreSQL Link: Family-Travel-Tracker-System
- **REACT NOTE: A MODERN NOTE-TAKING APPLICATION:** ReactNote is a feature-rich web application built with React.js, offering a modern and efficient solution for note-taking and organization. With ReactNote, users can effortlessly create, manage, and organize their notes with ease..  
Technologies used: HTML, CSS, Bootstrap, React JS Link: React-Note Application

## 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 400+ 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.* Jan 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.* Jan 2019 - May 2023