

Anjali Choudary Mutyala

✉ anjali.mutyala8902@gmail.com ☎ +91 9490191169 📍 Hyderabad, India in LinkedIn 📁 Portfolio

EDUCATION

B.Tech in Computer Science and Engineering - Data Science | CGPA: 8.52

Guru Nanak Institutions Technical Campus

Nov 2020 – May 2024

Hyderabad, India

Intermediate MPC | Percentage: 93.4

Narayana Junior College

May 2018 – Mar 2020

Hyderabad, India

SSC | GPA: 9.7

Dr. KKR's Gowtham Concept School

Jul 2017 – Mar 2018

Hyderabad, India

WORK EXPERIENCE

Data Science Intern

Trechon LLC

Jan 2024 – Apr 2024

- Implemented Python script automating client data preprocessing, reducing processing time by 30% and boosting efficiency by 25%.
- Developed and integrated a machine learning model into the inventory management system to predict sales of a specific medicine accurately. It provided timely alerts to manufacturers and distributors regarding demand fluctuations.

Business Finance Analyst

JK Technology Services

Aug 2023 – Oct 2023

- Developed financial models to support strategic decision-making processes.
- Conducted variance analysis to monitor budget performance and identify areas for improvement and provided financial insights and recommendations to support business strategy development and execution of client "Telsim".

PUBLICATIONS

Financial Transparency with Strategic Integration of Explainable Artificial Intelligence

International Journal for Research in Applied Science and Engineering Technology

Optimizing Chatbot Performance: A Comparative Study of Training Algorithms

International Journal of Emerging Technologies and Innovative Research (www.jetir.org | UGC and issn Approved),

ISSN:2349-5162, Vol.11, Issue 1, page no. pp612-g619, January-2024

Unleashing the Potential Of Nature Inspired Techniques for Enhanced Satellite Image Classification

11th SCOPUS indexed International Conference on Advancement in Engineering and Technology (ICAET - 2023)

PROJECTS

A Deep Learning Framework for Remote Sensing Land Use and Land Cover Classification with

SHAP Explanation

- Developed a deep learning framework for remote sensing land use and land cover classification.
- Incorporated SHAP (SHapley Additive exPlanations) to provide transparent and interpretable explanations for model predictions. Utilized remote sensing data such as satellite imagery for accurate classification of land use and land cover.

Performing Data Preprocessing with an effective usage of ADLs.

- Implemented data preprocessing techniques to clean, transform, and prepare raw data for analysis.
- Utilized Azure Data Lakes (ADLs) effectively as a storage and processing solution for large volumes of structured and unstructured data.

Predictive Analytics for Customer Churn

- Developed a predictive model to forecast customer churn for a telecommunications company.
- Utilized machine learning algorithms to analyze customer behavior and identify potential churn indicators, resulting in a proactive approach to customer retention strategies.

Shark Tank (India) Analysis [🔗](#)

- Utilized Power BI to create an insightful dashboard for "Shark Tank (India)" analysis, which visually summarized investment data across 13 industries involving 117 pitches, effectively displaying key metrics such as total investment and investment per industry.
- Developed metrics to evaluate industry performance, identifying Technology with a 65% success rate as the top-performing sector. Also noted sectors without failures, enhancing strategic decision-making for stakeholders.

Sales Analysis - USA [🔗](#)

- Engineered a detailed Tableau dashboard to monitor and analyze Adidas USA's sales data. This dashboard provides interactive visualizations that track sales trends, customer demographics, and product performance across various regions.
- Utilized advanced Tableau features to represent complex sales figures through heat maps, bar charts, and line graphs, which facilitated quick insights into market trends and helped identify high-performing sectors and underperforming regions.

SKILLS

Data Science

Python, R programming, DBMS, Machine Learning

Data Analysis

Power BI, Tableau, SQL, Google Analytics

Web Development

HTML, CSS, JavaScript

Tools

Github, Canva, Figma, Microsoft 365, Adobe XD, Adobe Photoshop, VS Code

ORGANIZATIONS

IEEE Student Branch [🔗](#)

Nov 2023 – May 2024

Research Scholar & Treasurer (#99890002)

- Conduct cutting-edge research projects within the engineering domain, focusing on innovative solutions and technological advancements.
- Collaborate with faculty members, industry professionals, and fellow students on research initiatives, contributing to studies and publications.

Google Developer Student Clubs [🔗](#)

Jul 2022 – Aug 2023

Operations and Finance Lead

- As the Operations & Finance Lead at Google Developer Student Clubs, I successfully managed financial operations, overseeing budgeting, expenses tracking, and ensuring the smooth execution of club activities.

Feliks Club

Mar 2022 – Oct 2023

Technical Lead

- Organized and managed 20+ events, challenges, workshops, etc and lead a community of developers towards technology.

CERTIFICATES

• IBM Data Science Coursera Certificate [🔗](#)

• JETIR Publication [🔗](#)

• Parna Technologies Internship Certificate [🔗](#)

• Java Internship Certificate [🔗](#)

• Unstop Lead Igniter [🔗](#)

• ML Workshop Organizer [🔗](#)

• Google Cloud Campaign Facilitator [🔗](#)

• Web development Workshop Mentor [🔗](#)

• SDGs Solution Challenge Organizer [🔗](#)

LANGUAGES

• English

• Telugu

• Hindi