

# Pranav Sangichetty

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## CAREER OBJECTIVE

Data Science student passionate about Artificial Intelligence and Machine Learning, eager to contribute to model development, data analysis and deployment of predictive solutions. Seeking a role where I can leverage skills in Python, SQL and ML frameworks to solve real-world business challenges.

## INTERNSHIPS

- **Cognifyz Technologies — Data Science and Data Analysis Intern** Oct 2025 – Nov 2025  
Completed a dual internship focusing on data cleaning, exploratory analysis, visualization and ML model development. Delivered insights through statistical analysis and dashboards while demonstrating strong attention to detail, communication skills and enthusiasm for data-driven work.

## TECHNICAL SKILLS

- **Programming Languages:** C, Java, Python, R, SQL
- **Machine Learning:** Classification, Regression, Model Evaluation, Feature Engineering
- **Deep Learning:** ANN, CNN, RNN, TensorFlow, Keras
- **NLP and Generative AI:** LangChain, OpenAI API, Gemini LLM, Prompt Engineering, Embeddings, Text Classification
- **Data Science and Analytics** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Data Cleaning, EDA, Data Preprocessing, Statistical Analysis, Data Visualization
- **Tools and Platforms:** Git, GitHub, VS Code, Jupyter Notebook, PowerBI, Tableau

## PROJECTS

- **AI-Powered Text Intelligence System using LLMs**  
AI-Powered Text Intelligence System using LLMs Developed an AI system that translates natural language into SQL queries and classifies text for risk detection using Gemini LLMs. Integrated Streamlit interface and SQLite backend, improving query accuracy and efficiency
- **SQL-Based Natural Language Assistant**  
Built an app that converts natural language questions into SQL queries using Gemini LLM and executes them on a SQLite database. Designed to help non-technical users interact with structured data through a simple Streamlit interface.

## EDUCATION

- **TKR College of Engineering and Technology, Hyderabad, India**  
Bachelor of Technology in Computer Science and Data Science (CSD) 2021 - 2025  
**CGPA: 7.01/10.0**

## CERTIFICATIONS

- **YBI Foundation: Data Science and Machine Learning Internship**-Model building and Real-world analytics(2024)
- **TATA: GenAI Powered Data Analytics** - Risk Profiling and Delinquency Prediction (2025)
- **Simplilearn: Machine Learning for Beginners** -Model Evaluation and Training (2025)