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

- **Advanced Malicious Application Detection Using Deep Learning**
  Built a deep learning model to detect harmful mobile applications using neural network architectures and achieved improved accuracy. Implemented data preprocessing and feature engineering techniques to enhance model performance and ensure reliable detection.

- **End-to-End-ML-Project-Classification-and-Regression**
  Built an end-to-end ML pipeline covering data preprocessing, EDA, feature engineering and model development for both classification and regression tasks. Implemented and evaluated multiple algorithms using metrics like accuracy, RMSE, and R^2. Optimized model performance through hyperparameter tuning to deliver reliable insights.

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)