PRAVALIKA UDUTHA

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EDUCATION

Bachelor of Technology in Computer Science and Engineering   Dec 2020-Jun 2024
Sree Chaitanya College of Engineering, Karimnagar, CGPA : 8.43/10

TSBIE, IPE, Class XII   Jun 2018-Mar 2020
SR Junior College, Kurikyal, CGPA : 9.83/10

TSBSE, TS SSC , Class X   Jun 2017-Mar 2018
Manasa School of Excellence, Jagityal, CGPA : 9.8/10

SKILLS

Programming	Python, SQL, Object Oriented Programming, HTML
Tools and Frameworks	Microsoft Excel, Git, GitHub, VS Code, MySQL, Django, Streamlit
Libraries and Proccesses	NumPy, Pandas, Matplotlib, Seaborn, Plotly, EDA ,Web Scraping
Others	Communication, Problem Solving, Teamwork, Adaptability,

PROJECTS

Customer Churn Prediction Analysis [GitHub]   Jan 2025-Feb 2025
- Built and optimized a predictive model libraries like Pandas, Scikit-learn, and NumPy to identify at-risk customers, achieving actionable insights for retention strategies .
- Conducted exploratory data analysis, engineered features like subscription length and usage patterns, and optimized model accuracy using Logistic Regression and Random Forest with hyperparameter tuning.

ML Based CryptoRiskManager [Github]   Dec 2023-Mar 2024
- Constructed specific pattern to predict cryptocurrency price movements with 85% accuracy on daily data.
- Engineered relevant features from Kaggle to enhance model performance.
- Developed quantitative risk models to assess market specific risks using ML algorithms.

Indian Startup Funding Analysis [GitHub]   Dec 2024-Jan 2025
- Conducted comprehensive exploratory data analysis on Indian startup funding data using Python.
- Developed visualizations of investment trends and financial metrics leveraging Pandas, NumPy, Matplotlib and Streamlit.
- Analyzed funding distributions to identify leading startups and high-growth sectors for strategic insights.

EXPERIENCE

Project Team Leader   Mar 2023-June 2024
- Managed a team of 5 to deliver a project 2 weeks ahead of schedule .
-Developed detailed project plans, including timelines, resource allocation,risk management strategies and Implemented Git for version control, improving team efficiency by 15%.

Campus Ambassodor at MastersBuddy   Mar 2023-Apr 2023
-Promoted the brand and its initiatives on campus through various marketing activities and events.
-Assisted in recruitment drive, helping to attract and Organized 3 events, increasing brand visibility among 200+ students.

CERTIFICATIONS

Secured first position in National Level Technical Symposium in Blind Coding [GitHub]	Mar 2023-Apr 2023
Essentials of Python,Microsoft (Digisaksham) [GitHub]	Dec 2022-Jan 2023
Azure AI-102 by Microsoft [GitHub]	Aug 2023-Sep 2023
Certificate of Internship by MastersBuddy [GitHub]	Mar 2023-Apr 2023