# komal kumar palwai

Data Analyst

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LeetCode | Portfolio | GitHub | Linkedin

## EDUCATION

**ACE ENGINEERING COLLEGE**　　　　　　　　　　　　　　　november 2022 - may 2026
COMPUTER SCIENCE BTECH　　　　　　　　　　　　　　　　　　　　　　　aushapur
CGPA: 8.1

**NARAYANA JR COLLEGE**　　　　　　　　　　　　　　　　　　　　2021 - 2022
MPC INTERMEDIATE　　　　　　　　　　　　　　　　　　　　　　　　hyderabad
Percentage: 87%

**KKGHS HIGH SCHOOL**　　　　　　　　　　　　　　　　　　　　2019 - 2020
10TH　　　　　　　　　　　　　　　　　　　　　　　　　　　　　hyderabad
Percentage: 93%

## EXPERIENCE

**CODEMINDS TECHNOLOGIES | Data Analyst Intern**　　　hyderabad, india | april 2025 – Present

- Cleaned and prepared large datasets for analysis using Python and SQL.
- Built dashboards in Power BI to visualize trends and KPIs.
- Performed EDA to identify patterns and support business decisions.
- Created data pipelines for reporting and model-ready datasets.
- Collaborated with teams to share insights and improve data quality.

## SKILLS

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|---|---|
| Programming Languages | python, c#, R, SQL, Excel, Power BI / Tableau, Statistics |
| Libraries/Frameworks | Pandas, NumPy, Matplotlib, Seaborn, Plotly, SciPy, Scikit-learn, ggplot2, readr, TensorFlow, Gradio, PostgreSQL |
| Tools / Platforms | Tableau, Jupyter Notebook, Power BI, Google Colab, Git/GitHub, VS Code, Microsoft Excel, Google Sheets, AWS |
| Databases | MongoDB, MySQL, Firebase, Amazon Redshift, SQLite |

## PROJECTS / OPEN-SOURCE

**KNOWVITY  | Link**　　　　　　　　　　　　　React, Firebase, JavaScript, Firestore

- Designed and developed a fully responsive e-learning platform with a focus on data-driven engagement and performance tracking.
- Implemented user authentication and real-time content rendering using Firebase, enabling dynamic session management.
- Collected and analyzed user behavior data (e.g., login frequency, completion rates) to identify trends and optimize UX.
- Integrated Firestore NoSQL to manage structured datasets and enable live updates and analysis.
- Built backend logic to track session durations, engagement metrics, and created custom dashboards simulating business intelligence reporting.
- Demonstrated skills in data architecture, backend integration, and translating user data into actionable insights

**LOAN APPROVAL PREDICTION  | Link**　　　　　　　Python, scikit-learn, pandas, Seaborn, Ract

Built an ML model to predict loan approvals using features like income, credit history, and education.

Applied EDA, data preprocessing, and feature selection to improve model accuracy.

Trained models like Logistic Regression, Decision Tree, and Random Forest, with RF giving the best results.

Visualized trends and correlations using Seaborn and Matplotlib.

Gained hands-on experience in the ML pipeline, model evaluation, and insights communication.

## NERUAL STYLE TRANSFER FOR VIDEO ANIMATION  | Link        Python, OpenCV, TensorFlow , Gradio

Contributed as a UI developer in a collaborative team project focused on applying neural style transfer techniques to video animations using deep learning models. I was responsible for designing and building the frontend interface using React.js and the Gario UI library, ensuring a clean, responsive, and user-friendly experience. Also provided regular visual insights and design feedback to the core ML team during development and testing cycles.

## CERTIFICATIONS

- Python for Data Science - **IBM**
- Pearson MePro Level 10 Expert - **Pearson MePro**