



MUPPASANI KARTHIKEYA

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PROFESSIONAL SUMMARY

Analytical and detail-oriented Data Analyst & BI Developer with practical experience in Python, SQL, and Power BI. Skilled in cleaning, transforming, and visualizing large datasets to generate actionable business insights. Possess a solid foundation in data modeling, dashboard development, and workflow automation. Adept at collaborating with cross-functional teams to optimize processes, support data-driven decision-making, and enhance overall business performance.

EDUCATION

Bachelor of Technology (B. Tech) – Information Technology

Sir CR Reddy College of Engineering, Andhra Pradesh (GPA: 7.50/10)

Nov 2021 – May 2025

TECHNICAL SKILLS

Programming & Data Processing: Python (Pandas, NumPy, Matplotlib), Machine Learning, Java, C++, HTML

Data Reporting & Visualization: Power BI, Excel

Database: SQL

Soft Skills: Communication, Collaboration, Problem-Solving, Time Management

INTERNSHIP EXPERIENCE

Power BI Developer Intern – Excel R (June 2024 – July 2024) | Virtual

- Implemented interactive dashboards and data models to monitor sales, customer behaviour, and operational KPIs.
- Cleaned and transformed large datasets using Power Query and DAX to improve accuracy by 95%.
- Integrated Excel and SQL data sources into unified, real-time reporting systems.

Artificial Intelligence and Data Science – TechMark (Jan 2025-March 2025) | Virtual

- Completed a virtual internship in AI & Data Science at Tech-Mark, focusing on speech and language processing.
- Collaborated with a 4-member team to build a voice-to-text and summarization tool for YouTube content.
- Applied NLP and ML techniques (Speech Recognition, Whisper, Transformers) to enhance transcription accuracy and generate concise summaries.

PROJECTS

Voice-to-Text Summarization Using Transformer Models

- Built a multilingual speech summarization tool using OpenAI Whisper & BART models.
- Automated speech-to-text transcription with real-time summarization and typo correction.
- Enhanced an interactive Gradio - based UI for a seamless user experience.

Film Analytics Dashboard Project

- Designed and developed an interactive Power BI dashboard analyzing film-related data for trends and insights.
- Applied Power Query, DAX, and data modeling to clean, transform, and visualize large datasets.
- Delivered insights on film performance, audience trends, and KPIs through dynamic reports and visual storytelling.

ACHIEVEMENTS

- Achieved 5th place out of 30 teams in a national-level Hackathon at ZIETGEIST 2K23, JNTUK.
- Recognized as a National Award-Winning Actor, Director, and Screenwriter for the short film A Drug Maniac.
- 2024 Won Best Content Them and directed acclaimed short films [A Drug Maniac](#) and [Aakarismavaram](#) .

CERTIFICATIONS

- Python for Data Analysis – 360DigiTMG
- SQL for Data Analytics – 360DigiTMG
- Microsoft Power BI / BI Tools – Excel R, 360DigiTMG
- Explored AI principles and advanced GEN AI techniques, ML workflows