

Geddam Karthik Kumar

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Quick Guide

- Hands-on experience in developing full-stack applications and implementing end-to-end machine learning models.
- Proficient in a diverse tech stack including Python, SQL, Power BI, Snowflake and core machine learning libraries like Scikit-learn and Pandas.

Technologies

Languages: Python, SQL, Rust

Data Platforms and Tools: SAP, Power BI, Snowflake

Machine Learning and Data Science: Scikit-learn, Pandas, NumPy, TensorFlow, Keras, Matplotlib, Seaborn

Education

Gandhi institute of Technology and Management

Bachelor of Technology, Computer Science

Oct 2020 - July 2024

CGPA: 7.8

Experience

Software Developer

Nikarv Analytics and Consulting

Hyderabad

Jan 2025 - Aug2025

- Engineered a responsive restaurant menu system and integrated automated invoice data extraction using OCR.
- Integrated Power BI dashboards to visualize restaurant sales trends, inventory performance, and customer engagement.
- Leveraged Snowflake as a cloud data warehouse to store and query large-scale datasets, reducing query latency by 45%.
- Integrated an invoice data extraction system using Tesseract OCR and OpenCV, enabling automated digitization of restaurant invoices, improving data entry accuracy by 85% and reducing manual processing time.

Projects

Smart Restaurant Management Web App with Invoice Data Extraction

- Designed an end-to-end analytics pipeline: OCR + ETL into Snowflake, followed by interactive Power BI dashboards for insights
- Implemented KPI dashboards covering revenue, popular dishes, customer retention, and vendor performance
- Tools Technologies: MySQL, Tesseract OCR, OpenCV

Stock Exchange Analysis

- Developed a machine learning model using time series analysis to predict stock prices. Achieved an accuracy score of 97%, R2 Score of 0.97, Mean Squared Error of 0.07, and Mean Absolute Error of 0.07, validating model performance.
- Tools Used: Pandas, NumPy, Matplotlib, Seaborn