NIKHIL GUNDLURU

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Education

RGUKT , Indian Institutes of Information Technology (IIIT) , RK-Valley(Andhra Pradesh)	**2020 – 2024**
- Bachelor's of Technology(**B-Tech**) in Computer Science and Engineering	*CGPA – 7.72*
RGUKT , Indian Institutes of Information Technology (IIIT) , RK-Valley(Andhra Pradesh)	**2018 – 2020**
-Pre University Course (PUC) - MPC	*CGPA – 7.20*
A.P Model School , Andhra Pradesh	**2017 – 2018**
-Secondary School of Education	*CGPA – 9.5*

Internships

Data Science Intern - Feynn Labs **July 2024 – Present**

- Conducted market segmentation analysis using customer data from McDonald's, categorizing into distinct groups based on preferences and demographics to tailor marketing strategies. And Developed an AI-powered inventory management system concept, aimed at optimizing stock levels, reducing waste, and enhancing supply chain efficiency for small businesses.

Data Visualisation Internship – The Forage **June 2024**

- Tata's Data Visualisation Virtual Internship by Forage, focusing on transforming raw data into insightful visualizations. Developed and analyzed dashboards to support business decision-making. Applied industry-standard tools and techniques, including Power BI, to create impactful data narratives. Strengthened skills in data interpretation and visual storytelling.

Projects

House Price Prediction - Machine Learning

- Developed an accurate prediction model using Machine Learning algorithms (Linear, Lasso, Ridge Regression) for Bengaluru real estate. Conducted in-depth Exploratory Data Analysis (EDA) and implemented robust techniques for missing value handling, ensuring model reliability. Designed and implemented a web application for real-time predictions based on location, BHK, bathrooms, and total square feet.

- Technologies Used: Python,Matplotib, Flask, HTML, CSS.

Dynamic Power BI Dashboard - Hospitality Domain

- Developed a comprehensive Power BI dashboard for Atlio Grands, integrating key metrics for Business Intelligence. Tracked and visualized metrics like Occupancy Rate, ADR (Average Daily Rate), and RevPAR (Revenue Per Available Room). Provided actionable insights from historical data analysis, aiding strategic decision-making.

- Technologies Used: Power BI, Excel, SQL.

Handwritten Digit Recognizer – Deep Learning

- Integrated a pre-trained Convolutional Neural Network (CNN) model into a Pygame-based application for digit recognition. Developed features enabling users to draw digits and receive real-time feedback. Configured external libraries like Pygame, OpenCV, and Tesseract for desired functionalities, ensuring accurate text extraction.

- Technologies Used: Python, Pygame , OpenCV, Tesseract OCR.

Skills

Languages/Frameworks	**:** Python , SQL.
Data Visualization	**:** Power BI, Excel, Jupyter Notebooks
Databases/OS	**:** MySql , Ubuntu.
Soft Skills	**:** Problem Solving, Quick Learner, Communication & leadership.
Course Work	**:** Data Structures & Algorithms, OOP's, DBMS ,Operating system.

Certifications

- Data Visualisation : Empowering Business with Effective insights – The Forage
- Data Analysis with Python - Coursera
- Python Programming - HackerRank