

VENKAT MANDARAPU

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EDUCATION

PITTSBURG STATE UNIVERSITY

Master of Science and Technology

Major in Information Technology

Cumulative GPA: 3.9/4.0

Relevant Coursework: Data Analysis, Software Engineering, Operating Systems, Algorithms, Data Integrity, Data Visualization, Statistics, Big Data Analytics, Advanced Excel for Data Insights, Advanced SQL and Database Management

Pittsburg, KS

December 2024

GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES

Bachelor of Technology

Major in Computer Science And Engineering

Cumulative GPA: 3.6/4.0

Visakhapatnam, IND

July 2022

WORK EXPERIENCE

VALUELABS

Data Analyst

Hyderabad, IND

June 2022 – June 2023

- Gathered, cleaned, and maintained large datasets from various sources, ensuring data integrity and accuracy.
- Implemented ETL processes to streamline data extraction, transformation, and loading into centralized data warehouses.
- Delivered actionable insights and recommendations to support strategic planning, marketing campaigns, and operational improvements.
- Implemented predictive models to identify at-risk customers, resulting in a 10% reduction in customer churn through proactive retention efforts.

UNIVERSITY PROJECTS

MULTIMODAL SENTIMENT ANALYSIS OF TWITTER DATA

Mar 2022

- Performed image sentiment scoring using R-CNN, text sentiment is developed using Lexicon.
- Determines the LIVE Sentiment Analysis of Twitter Data.
- Displays the Polarity of a particular tweet and image from Twitter API.
- Developed and trained R-CNN models for image sentiment analysis and used Lexicon-based methods for text sentiment analysis.
- Implemented Support Vector Machines for classification tasks to enhance the accuracy of sentiment predictions.

AIRLINES DATABASE SYSTEM

Dec 2020

- Gathered the requirements and Users can check their tickets and reservations, receive information on ticket prices, and retrieve data on several flights.
- It stores all the information needed to plan a trip, including the source, destination, and any layovers.
- Users can receive detailed information on ticket prices, including any ongoing promotions or discounts.
- Designed and developed an intuitive front-end using HTML, CSS, JavaScript, and Bootstrap.

ACTIVITIES

INTERNATIONAL ADVOCATE INTERN

Orientation Intern

Pittsburg, KS

July 2024 – Aug 2024

- Advocated for international students, promoting intercultural understanding and learning on campus for over 100 students.
- Provided guidance and support to incoming students, addressing their concerns and helping them acclimate to campus life.
- Collaborated with a diverse team of Orientation Leaders and volunteers to deliver seamless orientation sessions and support services.

ADDITIONAL

Technical Skills: Advanced in Python, SQL, JavaScript, HTML/CSS, GIT, MS Excel, Word, PowerPoint, Database Management, SQL, Adobe Photoshop, Figma, UI/UX, Power BI

Languages: Fluent in English; Conversational Proficiency in Hindi, Telugu

Certifications & Training: Learn DevOps: Docker, Kubernetes, Terraform and Azure DevOps (Udemy), Programming for Everybody (Getting Started with Python) from University of Michigan (Coursera)