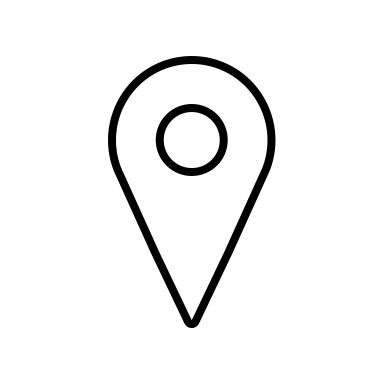
NAGESWAR CHODISETTI

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# EDUCATION

## University of Cincinnati, Cincinnati, OH. Jan 2024 – APR 2025

Masters in information technology – Computer Science GPA: 4.0/ 4.0

**Relevant Coursework*:*** Advance Storage Technologies, Grad Topics in IT, Advance Algorithms, Data Visualization, Systems Engineering, Tech for Mobiles Apps, Data Analytics

# EXPERIENCE

# GoGlobal | Project Intern | (Python Developer)

**Technologies used: Python, OpenAI embeddings, NLP**

**Tools used: Flask, Llama Parse Aug 2024-Present**

* Integrated OpenAI embeddings and vector-based similarity search to analyze and rank resumes.
* Developed an automated pipeline for extracting resume details using Llama Parse and MarkdownElementNodeParser.
* Built a user-friendly web interface allowing uploads, processing of resumes, and querying based on job descriptions.
* Implemented functionality to create, manage, and query resume collections and clusters in a Chroma DB setup. Ensured seamless resume parsing and comparison using natural language processing (NLP) techniques, including tokenization, POS tagging, and term extraction.
* Achieved efficient job description matching by calculating embedding similarity scores and ranking results.

**Infosys *| Data Analyst* Aug 2022 – Dec 2023**

* Accelerated career development as a Data Analyst in Infosys AI & Data Engineering Domain; finished the Infosys AI program, resulting in a 28% reduction in data processing time
* Engineered a robust Terraform solution to automate the ingestion of over 30 TB of data from 10 different database types into AWS S3, streamlining data access and reducing data retrieval times by 40%.
* Created a dynamic Qlik Sense dashboard that tracks over 15 key performance indicators from Snowflake DB, serving 200+ users and improving reporting efficiency by 50%.
* Leveraged advanced analytics to parse through over 100 million data points, identifying critical business trends that directly resulted in a 15% reduction in overhead costs.

# ACADEMIC PROJECTS

## Customer Segmentation for E-Commerce Using RFM Analysis (Data analysis)

## Performed customer segmentation for an e-commerce platform using RFM (Recency, Frequency, Monetary) analysis to identify and categorize customer behaviors.

## Cleaned, processed, and analyzed customer transaction data to compute RFM scores and create customer segments.

## Utilized data visualization techniques to present RFM analysis and customer segments using Python libraries (Matplotlib, Seaborn).

## Conducted exploratory data analysis (EDA) to uncover trends, including purchase frequency and customer spending patterns

## Capturing Motion of objects (ML)

* Experienced in motion capture and object tracking, using advanced software and algorithms to capture, analyze, and interpret real-time motion data. Proficient in tools like OpenCV and Unity, with applications in animation, gaming, and robotics. Skilled in extracting actionable insights from motion data for various industries.
* Skilled in capturing and tracking object motion using tools like OpenCV and motion capture systems. Experienced in analyzing real-time data for applications in gaming, animation, and robotics. Proficient in motion analysis and interpretation to enhance interactive systems.