

# **Yogananda Manjunath**

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## **SUMMARY**

Data Scientist and Analyst with 4+ years of experience building data pipelines, machine learning models, and reporting systems across nonprofit and enterprise environments. Proficient in Python, SQL, and ML frameworks for predictive modeling, NLP, and insight generation. Skilled in translating complex data into scalable, real-world solutions.

## **EDUCATION**

University of New Haven, West Haven, Connecticut Master's Degree in Data Science	Aug 2024 - May 2026 GPA: 3.69
Cambridge Institute of Technology, Bengaluru, India Bachelor of Engineering in Electronics and Communication	Aug 2017 - Aug 2021 GPA: 3.2

## **SKILLS**

- Machine Learning & AI: Scikit-learn, TensorFlow, PyTorch, NLP, LLMs, LangChain, FAISS, RAG Pipelines
- Programming & Web: Python, SQL, HTML, CSS, JavaScript
- Data & Cloud: AWS, Data Pipelines, ETL, Data Integrity
- BI & Visualization: Power BI, Tableau, Excel (Pivot Tables, KPI Tracking), Dashboard Development
- Databases: SQL, SQL Server, Database Applications
- Core Strengths: Problem-Solving, Critical Thinking, Cross-Functional Collaboration, Attention to Detail
- Certifications: AWS Cloud Quest Practitioner, Introduction to Generative AI

## **WORK EXPERIENCE**

<b>GoGreenLocally.org (Nonprofit), Nevada   Workflow Automation Intern</b>	Jan 2026 - May 2026
• Automated reporting workflows by integrating donation and transaction datasets into a centralized system, reducing manual reconciliation effort by 40% and improving data integrity through validation checks, consistent documentation, and reporting.	
• Employed: Python, Data Pipelines, Microsoft Excel, Data Validation, Automation, Zapier	
<b>University of New Haven   Research Assistant</b>	Aug 2024 - Present
• Built ML-assisted data collection and processing workflows to standardize datasets and surface trends, improving data reliability by 30% and supporting research reporting and stakeholder updates.	
• Employed: Python, Data Analysis, Machine Learning, Quality Controls, Research Documentation	
<b>Downtown Evening Soup Kitchen (Nonprofit), New Haven   Data Analyst</b>	Nov 2025 - Dec 2025
• Consolidated operational datasets, ran SQL validation checks, and built Power BI dashboards that improved reporting accuracy by 75% and enabled data-driven program and cost decisions.	
• Employed: SQL, Power BI, Data Integrity, Stakeholder Reporting, Dashboard Development	
<b>Tech Mahindra (Client: AT&amp;T, USA)   Software Engineer</b>	Feb 2021 - Sept 2023
• Validated and processed large-scale telecom datasets, resolved data inconsistencies, and maintained reporting pipelines, improving reporting accuracy by 50% across cross-functional teams.	
• Employed: SQL, Data Validation, ETL, Data Integrity, Cross-Functional Collaboration	
<b>Hebeon Technologies Pvt Ltd, Hyderabad (India)   Data Analyst Intern</b>	Jul 2020 - Aug 2020
• Cleaned financial datasets, implemented QA checks, and produced recurring reports improving downstream accuracy by 25% through structured data handling and documentation.	
• Employed: Python, SQL, NumPy, Pandas, Excel, QA Validation, Reporting, Attention to Detail	

## **ACADEMIC PROJECT EXPERIENCE**

<b>Clinical NLP RAG Pipeline - Diabetes &amp; Hypertension QA   University of New Haven</b>	Dec 2025 - Jan 2026
• Clinical QA lacked accuracy; built a RAG system using LangChain, FAISS, and MiniLM embeddings, reducing hallucinations by 30% through structured retrieval and optimized document chunking.	
• Employed: Python, LangChain, FAISS, NLP, RAG, MiniLM Embeddings, GPT-2	
<b>Real-Time Market Prediction with Big Data using AWS   University of New Haven</b>	Nov 2025 - Dec 2025
• Built an end-to-end ML pipeline on stock and news data, trained a prediction model on AWS SageMaker achieving 82% accuracy, and visualized real-time insights via AWS QuickSight dashboards and Streamlit.	
• Employed: Python, AWS, NLP, Sentiment Analysis, Machine Learning, NewsAPI, Streamlit, QuickSight	
<b>Hunger Gap Analysis - Capital Area Food Distribution Dashboard   University of New Haven</b>	May 2025 - Dec 2026
• Analyzed food insecurity gaps across DC, MD, VA using Capital Area Food Bank data, identified Maryland's 34% unmet demand shortfall, and built a Power BI dashboard enabling DESK data-driven resource planning.	
• Employed: Power BI, Excel, Food Insecurity Analytics, Dashboard Development, Nonprofit Reporting	