



Dhaksana N

B.Tech Artificial Intelligence and Data Science

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Objective:

I am a committed and industrious third-year Artificial Intelligence and Data Science student passionate about transforming the world with technology. My areas of interest include Data Analytics, Large language models, Machine learning and Front-end web development, and I continuously strive to broaden my expertise and enhance my skills. With a strong drive for innovation, my ambition is to contribute to groundbreaking advancements and make a significant impact in the field of Data Science.

Education:

- **Kumaraguru College of Technology**

B. Tech Artificial Intelligence and Data Science

CGPA: 8.79 (up to 5th semester)
(2022-2026)

- **Adharsh Vidyalaya Matric Higher Secondary School**

HSC, Percentage: 97.5% | 2021

- **Venkitraj Matriculation School**

SSLC, Percentage: 97% | 2019

Languages

- Tamil
- English

Projects:

- Extractive Text Summarization using two layered RBM

Developed an extractive text summarization system using RBM to identify and extract key information based on similarity and features. Hosted the system on a Streamlit UI for efficient and user-friendly summarization.

- Chat with documents

Developed a PDF- based question answering system using LLM's, where PDF's are chunked, embeddings are generated and stored in vector database. Hosted the solution with a Streamlit UI to provide accurate query response.

- Power BI Employee Insights Dashboard

Developed a multi-page interactive dashboard using a 17K+ employee HR dataset to visualize demographics, training engagement, and performance KPIs. Built DAX measures for dynamic analysis and identified key trends to support data-driven HR decisions.

Paper Presentation:

- Extractive Text Summarization using Two-Layered RBM: Presented at the ADCIS 2024 conference on September 20-21, BITS Pilani, Goa.
- A Comprehensive Review of Sentimental Analysis: Presented in ICAIP 2024 conference on August 29, 2024
- Presented the abstract of our research titled "Unmasking Deepfakes: A Multi-Domain Analysis for Face Swap Detection. in CIT (Feb 28, 2025)

Certifications:

- Complete Power BI course For Beginners to Intermediate (Udemy)- June 2024.
- AI-ML Virtual Internship (Edu skills)- April-June 2024
- NPTEL certification: Responsible and safe AI systems – Jul -Oct – 2024.
- Applications & Use Cases Professional Certification (Altair RapidMiner) -Dec 2024
- Natural language processing (NPTEL certification)- Jan -Apr 2024
- Data Analysis with Python (Free code camp)- Oct 2024 – March 2025
- Infosys virtual internship (Chat_with_your_documents) -Dec 2024- Feb 2025

Tech skills:

- Python (Intermediate), SQL (basics), C++(basics)
- TensorFlow, matplotlib, Seaborn, Hugging face transformers, SDXL
- HTML, CSS, JavaScript(basics)
- Data Science, Machine Learning, Neural networks, NLP, LLM.
- Database: MongoDB

Tools:

- MS Excel, Langchain
- Google Colab, VS code
- RapidMiner, MATLAB (Basics)
- Power BI (Intermediate)
- Kicad, Fusion 360(basics)

Soft skills:

- Problem Solving
- Teamwork and collaboration
- Effective Communication
- Time management
- Public Speaking

Achievements:

- Secured 4th place in Wise-AI-Thon (Conducted by Wise Work)
- Participation in SIH Internal Hackathon and other hackathons
- Mahatma Gandhi Merit Scholarship Awardee for two consecutive years (2022-2023 and 2023-2024).
- Participation in various co-curricular and extra-curricular events and workshops.

Areas of Interest:

- Data analytics
- Machine learning
- Artificial intelligence
- Front end web development

Declaration

I, Dhaksana N, hereby declare that the above-mentioned particulars are true to the best of my knowledge.

PLACE: Coimbatore

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