MBU University-Tirupati,
Andhra Pradesh

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https://www.mokshanandini.site

## Objective

Aspiring AI Engineer | Passionate about building smart systems to solve real-world problems using Python, TensorFlow, and GPT APIs | Projects: Chatbot, AI Resume Scanner, LangChain |Multi AI Agent Interests: Deep Learning, ML, AI for Social Good

# Moksha Nandini.

**Web:- https://www.mokshanandini.site**

## Career Objective:

**Motivated and curious AI/ML student with a strong foundation in Python, machine learning, and GENAI. Eager to contribute to real-world AI projects and grow in a collaborative tech environment.**

## Education

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**Bachelor of Technology (B.Tech) in Computer Science – Artificial Intelligence & Machine Learning**

**Mohan Babu University, Tirupathi**

**Year: [2022 – 2026] | CGPA: 97%**

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**Intermediate / Higher Secondary (Class 12) – State Board**

**Narayana Junior College, Kadapa**

**Year: 2022 | Percentage: 86%**

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**Secondary Education (Class 10) – State Board**

**Sprout Valley International School, Kadapa**

**Year: 2021 | Percentage: 98%**

## Skills:-

Programming Languages: Python, SQL

Cloud Platforms: AWS (S3, EC2, Lambda), Azure (Azure ML, Azure Functions)

Machine Learning & AI: TensorFlow, Scikit-learn, OpenCV, LangChain, RAG (Retrieval-Augmented Generation)

Web Development: Flask, FastAPI

Natural Language Processing (NLP): GPT APIs, SpaCy, NLTK

Databases: MongoDB, MySQL

Tools & Platforms: Docker, Git, Google Colab, Jupyter Notebook

Concepts: Machine Learning, Deep Learning, RAG Architecture, Prompt Engineering, LLM Integration

## Achievements:-

🎯 Finalist in Inter-College AI Hackathon 2024

🏆 Ranked in Top 2 in college-level coding competition

📜 Presented paper on "AI in Healthcare" at MBU 2025

## Blogs/Case Study:-

**AI NLP:-**
https://www.mokshanandini.site/2025/04/day-1-genai-nlpnatural-language.html

## Projects

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🔹 **RAG Based AWS BedRock using Natural Language Processing**

***Developed an interactive app that responds to user queries based on intent classification.***

- **Implemented text preprocessing, tokenization, and bag-of-words model using NLTK**
- **Integrated fastapi in a web app using Flask**
- **Improved user interaction and tested on sample data & containerized the applications for microservices**

🔹 **AI-Based Log Scanner**

***Designed a Python-based tool to evaluate LogStreams based on batch of log groups.***

- **Used SpaCy and BOTo3 & TF-IDF to extract relevant keywords**
- **RAG Based Fine Tuning using GPTV.0**
- **Used Bedrock anthropic models**

## Certifications:-

✅ Machine Learning by DeepLearning

✅ Python for AI– DeepLearning.AI

✅ Deep Learning Specialization – Coursera.

## References

**Team Lead @HCL Tech:-**
https://www.linkedin.com/in/rajesh-singamsetti-00aa00147