

Arava Bhagyasree

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Career Objective

To pursue a career in Artificial Intelligence and Data Science, leveraging my skills in Python, Machine Learning, and Generative AI to develop intelligent, data-driven solutions that create real-world impact.

Education

Master of Computer Applications (MCA) Sri Venkateswara University, Tirupati	2022–2025	CGPA: 8.1/10
Bachelor of Computer Applications (BCA) R.Rao's Degree College, Nellore	2018–2021	CGPA: 9.15/10

Internship Experience

Machine Learning Intern – Cognifyz Technologies (Jul–Aug 2025)

- Developed and fine-tuned supervised learning models (Logistic Regression, Random Forest, SVM).
- Applied techniques in data preprocessing, feature engineering, and model evaluation.

Data Analysis Intern – Cognifyz Technologies (Apr–May 2025)

- Conducted Exploratory Data Analysis (EDA) on restaurant data identifying top cuisines and trends.

Web Development Intern – IIIT (Dec 2024–Feb 2025)

- Built and optimized dynamic web pages using HTML and CSS to enhance performance and UX.

Key Projects

MediFlow AI – Hospital Assistant: Built an AI-powered hospital triage & management system using LangGraph, LangChain, and Groq LLM.

RAG Model Development: Designed a Retrieval-Augmented Generation pipeline using LangChain, Chroma, and Google Generative AI embeddings.

Finance Agent AI: Developed a finance-focused AI agent using Groq LLaMA3 and LangChain tools for real-time reasoning.

Gemini Chat Assistant: Built a Streamlit-based real-time chat assistant powered by Google Gemini 1.5 Flash.

Technical Skills

Languages: Python, SQL, HTML, CSS

AI/ML: Supervised & Unsupervised Learning, NLP, Generative AI, Deep Learning (Keras, PyTorch)

Frameworks: Scikit-learn, TensorFlow, LangChain, Hugging Face

Visualization: Power BI, Matplotlib, Seaborn

Cloud: AWS

Leadership & Achievements

- Awarded **Best Cadet** three times in NCC and organized Yoga Day across colleges.
- Runner-up in Tech Quiz at Cynosure Tech Fest for AI & ML innovation.