



# Nandyala Jyothirmayi Reddy

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## Objective

Highly motivated and results-driven B.Tech. student specializing in Artificial Intelligence and Data Science with a strong academic background (9.3 CGPA). Certified in Full Stack Development and multiple data science domains, demonstrating a broad and practical skill set. Published author in a reputable journal, with hands-on experience in building and deploying models. Seeking a challenging role at Avasoft to apply technical skills and contribute to innovative data-driven solutions.

## Experience

- Skillified Mentor**  
15th July - 15th September  
Machine Learning intern  
Developing and training machine learning models for critical health applications, including breast cancer prediction and glucose prediction.
- Main Flow Services**  
Sept 2024 - Nov 2024  
Data Science intern  
Performed data analysis and developed predictive models for real-world applications, such as agriculture yield prediction.

## Education

Course / Degree	School / University	Grade / Score	Year
BTECH CSE - AIDS	Dhanalakshmi Srinivasan University, Trichy , Tamilnadu	9.3CGPA	2026
Intermediate (MPC)	Sri Chaitanya Junior Kalasala, LB Nagara, Hyderabad	96.9%	2022
SSC	Sri School, Kodad, Suryapet	10GPA	2020

## Skills

- Programming Languages: Python, R, C, Java, HTML, CSS, JavaScript, SQL
- Data Science Libraries: NumPy, Pandas, Scikit-learn, SciPy, TensorFlow, Keras
- Data Visualization: Matplotlib, Seaborn, Power BI, Tableau
- Frameworks & Tools: Streamlit, Hugging Face, Gradio, Jupyter, Google Colab, Kaggle Notebook,

VS Code, Git

- Core Concepts: Probability, Statistics, Linear Algebra, AI, ML, DL, DS, DA
- Collaboration: Microsoft Excel, Google Sheets, Microsoft PowerPoint PROJECTS

## Projects

- **Image Captioning Detection**

Developed a deep learning model to automatically generate descriptive captions for images.

- **Animal Image Classification**

Built a machine learning model to classify different types of animal images.

- **College queries chatbot**

The college website features an intelligent query response system designed to assist students, parents, and visitors in finding accurate information quickly.

## Achievements & Awards

- Full Stack Developer (IBM via Coursera, 2023-2024)
- Python for Data Science (Infosys Springboard, 2025)
- AI and NLP Certified (Infosys Springboard, 2025)
- Probability and Statistics for Data Science (Infosys Springboard, 2025)

## Publications

- **CNN based Cancer detection**

Published a research paper titled "CNN Based Automated Cancer Detection" in the IRO Journal.

## Declaration

- I hereby declare that the information provided in this resume is true and correct to the best of my knowledge and belief.  
Date:06-08-2025