

LOKESH BABU KOLAMALA

Vijayawada, Andhra Pradesh | Ph: [+91 9502236561](tel:+919502236561) | lokeshbabukolamala@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

Indian Institute of Information Technology, Design and Manufacturing Kurnool, AP
Bachelor of Technology, Artificial Intelligence & Data Science Aug 2023-Expected May 2027
CGPA: 8.845/10.0

Krishna Chaithanya Junior College Nellore, AP
Higher Secondary Education (Class XII) Jun 2021 - May 2023
Percentage: 96.5%

WORK EXPERIENCE

Samsung Innovation Campus Kurnool, AP
AI Intern Dec 2024 – Mar 2025

- Participated in AI-focused training sessions covering fundamentals of machine learning and deep learning algorithms.
- Gained hands-on experience in **Python programming, Exploratory Data Analysis (EDA)**, and key **AI/ML concepts**, including **Machine Learning, Deep Learning, and Generative AI**.
- Built a **Voice-Based Speaker Recognition system** using advanced **RNN and LSTM architectures** for sequential audio data processing.

PROJECTS

Voice-Based Speaker Recognition Model Feb 2025

- Designed and implemented a speaker recognition system utilizing voice biometrics for individual identification and authentication..
- Developed and trained deep learning models using Recurrent Neural Networks (RNN) with Long Short-Term Memory (LSTM) architectures to process sequential audio data.
- Engineered and extracted relevant speech features such as Mel-Frequency Cepstral Coefficients (MFCCs) to enhance model accuracy and performance.
- Achieved high validation accuracy through model optimization, showcasing strong capabilities in machine learning, signal processing, and pattern recognition..

TECHNICAL SKILLS

- **Programming Languages:** Python, C, SQL
- **Data Manipulation & Analysis:** Pandas, NumPy, Excel
- **Data Visualization:** Matplotlib, Seaborn, Power BI
- **Machine Learning & Deep Learning:** Scikit-learn, TensorFlow
- **Web & Cloud Technologies:** Flask, AWS