# SAMEEKSHA KOTTHINTY

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## INTRODUCTION

As a passionate and detail-oriented student with hands-on experience in machine learning projects, I am eager to contribute as a Data Science Intern. My background includes practical work in Python and Keras, where I have built models for sentiment analysis and employee salary prediction. Through academic coursework and personal projects, I have gained a strong foundation in data analysis, statistical modeling, and predictive analytics.

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, SQL, C++
**Data Science & ML Libraries:** Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow, Keras
**NLP Tools:** NLTK, spaCy, Gensim, Transformers (Hugging Face)
**Data Handling & Analytics:** Data Cleaning, Feature Engineering, Exploratory Data Analysis (EDA), Statistical Modeling, Model Selection, Model Training, Cross-Validation, Deployment at Scale
**Big Data & Cloud Technologies:** Apache Spark, Hadoop, Big Data platforms, AWS (S3, Redshift, SageMaker, EMR, Lambda, EC2)
**Other Tools & Platforms:** Git, Jupyter, Google Colab, Linux basics, R, SAS, Matlab, MXNet, PyTorch
**Professional Skills:** Machine Learning, Deep Learning, Communication Skills, Leadership

## EDUCATION

**Bachelor of Technology (B-Tech) in AIML** — **2022 - Present**
Malla Reddy University, Hyderabad
- Current CGPA : 9.4( up to 6th semester)

**Intermediate (Class 11–12), MPC** — **2020 - 2022**
Alphores Junior College, Nirmal(Telangana)
- Percentage : 96.9%

**Secondary School Certificate (SSC)** — **2019 - 2020**
Ravi High School, Nirmal (Telangana)
- GPA : 100%

## PROJECTS

**Sarcasm Detection on Social Media Texts**
- Built a classifier using advanced NLP and transformers to identify sarcasm in social media posts.
- Improved accuracy for automated sarcasm detection in noisy, real-world text data.

**Sentiment Analysis on News Articles**
- Developed a system to categorize news articles by sentiment (positive, negative, neutral) using modern NLP techniques.
- Enabled better insights about media tone and public perception from large news datasets.

**Bitcoin Price Prediction**
- Applied time series and deep learning models (RNN, LSTM) to predict Bitcoin prices from historical market data.
- Delivered accurate short-term forecasts useful for financial analysis and decision-making.

## ADDITIONAL INFORMATION

**Languages:** English,Telugu, Hindi
**Certifications:**
IBM Artificial Intelligence Fundamentals | Harvard CS50 Certificate for Introduction to AI with Python | Google GenAI Academy | Cisco Introduction to Data Science
**Awards/Activities:**
GDSC member | Techfest IITB CA member | Participated in National Level TechFest “Intellithon-2024” | IIT Guwahati TechExpo participation for ideas representation | THUB Kickstart program participant|Guvi Hackathon
**Soft Skills :**
Communication skills | Problem-Solving | Teamwork & Collaborative Leadership | Time Management | Adaptability & Flexibility | Analytical Thinking | Initiative | Data Storytelling | Critical Thinking |