

Marisa yaswant ram sai

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Education

- **Bennett University** Greater Noida, India
Bachelor of Technology in Computer Science *September 2021 - June 2025*
- **Sri Chaitanya educational institutions** Telangana, India
Secondary Education *March 2021*

Programming Skills

- **WebDev:** HTML, CSS, JavaScript, Mysql
- **Languages:** C, C++, Python, Java
- **Other Skills:** Figma, Cloud
- **Data Analysis:** Pandas, NumPy, Tensorflow, Pytorch
- **Tools:** AWS, Jupyter, Colab, GitHub, Docker

Projects

- **Stock Price Prediction System (link)** June 2024, Greater Noida
Bennett University, India
 - Developed and implemented a machine learning-based stock price prediction system using Long-Short-Term-Memory(LSTM) model; leveraged a dataset of **Tata global beverages** from NSE to ensure accurate interpretation of stock market, resulting in enhanced strategic decision making and risk management capabilities for stake.
 - **Technical Skills:** Machine Learning: Deep learning, sql, Django, dataset manipulation.
 - Guided communication capabilities for new stock market investors and increasing the reliability of stock market predictions.
- **Offline Billing System for Grocery Stores , Python :** Greater Noida, India
Bennett University, India
 - **Advised operational efficiency:** Streamlined billing process with offline functionality, eliminating reliance on internet connectivity.
 - **Improved customer satisfaction:** Provided a smooth and hassle-free checkout experience, regardless of internet outages.
 - **Robust features:** Handled entire billing process, including item input, calculations, invoice generation, and data storage.
 - **Technical skills:** Demonstrated proficiency in Python programming and understanding of database management for offline data storage.
- **Fake News Detection (Deep Learning)** Greater Noida, India
Bennett University, India
 - *Technical Skills:* Deep learning (e.g., NLP, text classification), GUI development.
 - Formulated a machine learning model capable of identifying the authenticity of news
 - **Project Highlights:** Analyzed vast amounts of text data to identify patterns and characteristics of real vs. fake news. Built a multi-classifier model for enhanced accuracy. Designed a user-friendly interface for ease of use and search functionality.
 - **Impact:** Contributed to combating the spread of misinformation online. Empowered users with a valuable tool for verifying news authenticity.

- **WOMEN safety app**

Bennett University, India

- An innovative application addressing significant societal issues using advanced technology and simulation.
- The app saves the phone numbers of relatives using shared preferences. In an emergency, a phone call is made and a message is sent using implicit intent and SMS Manager class. The message includes the live location of the user, provided by the FusedLocationProvider client API.
- The app registers a background service to execute functionalities even when the phone is locked. A broadcast receiver is registered inside the background service to receive the broadcast message from the OS about the screen ON/OFF state to count the power button tap count.
- The app features a women's news screen, populated by data from a news API fetched using the Retrofit library.

Certifications

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| • MLOPS: Amazon Sagemaker and Azure ML | Coursera |
| • Solutions Architect Knowledge Badge | AWS Training |
| • Devops on AWS: Specialization | Amazon |
| • AWS Cloud Technical essentials | Amazon |
| • AWS CLF-002 Amazon Web Services Cloud Practitioner | Amazon |
| • AZ-900 Azure Fundamentals | Microsoft |

Achievements

- **Research and Analysis Chair**, Artificial Intelligence Club
- Placed **3rd in a research based hackathon** hosted by ACM Bennett
- Achieved **2nd place in CODM Intra campus tournaments**
- Solved **200 Data Structures and algorithms** questions in platforms like leetcode and codechef