

## Summary

Highly motivated Data Science student with hands-on experience in machine learning, deep learning, and full-stack development. Proven ability to apply data analysis, predictive modeling, and AI-driven solutions to real-world challenges. Proficient in Python, C++, JavaScript, ReactJS, TensorFlow, and other industry-standard tools. Experienced in collaborating with cross-functional teams, creating dynamic dashboards, and leveraging data-driven insights to inform strategic decisions. A leader with strong organizational skills, having led community initiatives and contributed to social welfare programs. Passionate about utilizing data science and AI technologies to drive innovation and solve complex problems.

## Technical Skills

- **Programming Languages:** C, C++, Python, JavaScript, Java
- **Web Development:** ReactJS, HTML, CSS, React.js, Bootstrap, Flutter
- **Databases:** MySQL, Firebase
- **Data Science and Analytics:** Machine Learning, Deep Learning, Data Visualization
- **Tools and Frameworks:** TensorFlow, PyTorch, Keras, Scikit-learn, Pandas, NumPy, Matplotlib
- API Integration, Docker, RESTful APIs

## Experience

Kore.ai

June 2023 to July 2024

### Data Science Intern

HYDERABAD, TELENGANA

- Engineered and deployed machine learning models to enhance the capabilities of conversational AI systems, focusing on scalability and accuracy.
- Conducted in-depth data analysis and preprocessing, enabling predictive insights that informed strategic decision-making.
- Developed and fine-tuned natural language processing (NLP) pipelines, improving the system's ability to understand and process user intent.

GRADIOUS TECHNOLOGY

May 2022 to April 2023

### Data Science Trainee

HYDERABAD, TELENGANA

- Designed and implemented advanced predictive models to solve real-world business challenges, bridging academic learning with practical applications.
- Conducted data preprocessing, exploratory data analysis (EDA), and feature engineering to ensure high-quality inputs for machine learning pipelines.
- Developed and presented dynamic dashboards and data visualizations, translating complex analytics into actionable insights for stakeholders.

## Education

UNIVERSITY AT BUFFALO SUNY

Expected in June 2026

Master of Science: MASTERS IN DATA SCIENCE

Buffalo, NY

VNRVJIET

January 2024

Bachelor of Technology: Computer Science and Engineering

GPA: 7.60/10

## Certifications

- NPTEL Certification in Introduction to Cybersecurity
- Participation Certificate in the National Level VJ Hackathon-Victory Joy in Smart Innovations
- Participation in Innovation Spark event and has won the First Prize in the domain of Services

## Achievements

- Solved 300+ problems on **LeetCode** and **CodeChef**, honing problem-solving and algorithmic skills.
- Developed and deployed a **web application** using **ReactJS** and **Firebase**
- Awarded **Best Intern** at **Kore.ai** for outstanding contributions to machine learning model development.
- Organized and led a successful **hackathon**, fostering innovation and teamwork.

## ACADEMIC PROJECTS

### Online Voting System | java

- This project is developed using JAVA concepts inheritance, multi-threading, which helps the people in voting. In this system, authorized voters can give his/her vote online without going to any physical polling station.

### Library Management System | Database Management System

- This project is developed using Database Management Systems using my Sql for storing and retrieval of books information. It allows them to keep track of all of the books available in the library at all times.

### Mail Spam Detection | Python, Machine Learning, Deep Learning

- This project is developed using Machine learning and python. An interface which detects the mail using three different models Naive-Bayes, KNN, Logistic Regression. Machine learning algorithms can be trained to filter out spam mails based on their content and metadata.

## Profile

- <https://www.linkedin.com/in/saiteja-reddy>