

# Tejeswara Rao

## Data Enthusiast

Passionate data science enthusiast and eager learner with hands-on experience in coursework, internships, and projects and a proactive team contributor and committed to continuous improvement.



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## EDUCATION

### Bachelors of Technology

NIIT University

08/2020 - Present

## PROJECTS

### Face Recognition Attendance System (09/2022 - 11/2022)

- Developed a real-time Face Recognition Attendance System using Python, OpenCV, and the face recognition library. Automated attendance tracking by capturing recognized faces and storing names, dates, and timestamps in a CSV file.

### Research and Development Project: Digital Empowerment of Indian MSMEs (01/2023 - 05/2023)

- Led the design and implementation of a capacity-building program, cultivating skill and knowledge development. Secured NGO collaboration for volunteer training, securing funds of 150,000 for NIIT University.

### Healthcare Application Development (02/2023 - 05/2022)

- Developed a Health Care Management System using MERN stack, focusing on record, stock, and ice pack management. Implemented Auth0 for authentication, ensuring secure access control and maintaining data privacy.

### Iris Recognition using CNN Model (09/2023 - 11/2023)

- Developed a deep learning model for Iris recognition on the MMU Iris Database, achieving 90% test accuracy. Implemented convolutional layers, max-pooling, and batch normalization for effective feature extraction.

### Predictive Modelling for Stocks (09/2023 - 11/2023)

- Designed and implemented stock price prediction using LSTM model. Utilized yfinance for data retrieval, TimeSeriesSplit for model evaluation, and generated prediction plots for visualization.

## INTERNSHIPS

### Head of Research

Global Hosierly

06/2023 - 11/2023

*Achievements/Tasks*

- Conducted research to inform marketing and production strategies and contributed towards decision-making.
- Ensured smooth coordination between design and manufacturing teams and utilized e-commerce platforms effectively to enhance sales outcomes.
- Elevated company revenue through strategic collaborations and sponsorships, contributing to overall business growth.

## SKILLS

Python

JavaScript

SQL

MongoDB

HTML & CSS

ReactJS

Git

PowerBI

WordPress

Microsoft Office Suite

Canva

## ACHIEVEMENTS

### Certificate of Conference

*Presented a Research & Development project on Digital Empowerment of Indian MSMEs at a national conference hosted by Raffles University, earning a Certificate of Presentation.*

## CERTIFICATES

### Python for Data Science, AI & Development (08/2023)

*An online non-credit course authorized by IBM and offered through Coursera.*

### Tools for Data Science (08/2023)

*An online non-credit course authorized by IBM and offered through Coursera.*

### Foundations of Git (02/2023)

*An online course offered by Gitkraken. Learnt essential Git version control concepts.*

## LANGUAGES

English

*Professional Working Proficiency*

Hindi

*Limited Working Proficiency*

Telugu

*Native or Bilingual Proficiency*

## INTERESTS

Fiction Writing

Sketching