

# TANISHA MAHATA

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## EDUCATION

### Master of Science in Data Science- 9.09 CGPA

Aug 2023 - Present

Vellore Institute of Technology (VIT vellore)

- focused on extracting insights and knowledge from data through statistical analysis, machine learning, and data visualization
- Thesis on "Utilizing Time Series Analysis for Stock Price Prediction: Investigating Forecasting Techniques and Models".

### Bachelor of Science in Computer Science - 9.61 CGPA

Sep 2020 - June 2023

SIES Arts, Science and Commerce (Mumbai University)

- Relevant coursework in Algorithms, Data structures, and the Principles of Computing.

### High Secondary - 82.6%

May 2020

Kendriya Vidyalaya AFS Thane

### Senior Secondary - 90.8%

May 2018

Kendriya Vidyalaya AFS Thane

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## PROFESSIONAL EXPERIENCES

### Internship at Oasis Infobyte (Python Programmer)

1 month

- From voice assessment to client-server connectivity, each project has propelled me towards new horizons.

### Freelancing as Video Editor

6 months

- Implemented clients requirements.
- Forced to become more creative within boundaries.

### Digitals Head (Departmental Fest)

3 months

- Managed project timelines, reducing delivery times by 30%.
- Collaborated with cross-functional teams, enhancing project success rates by 10%.
- Led a diverse group of professionals in designing and implementing digital strategies.

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## SKILLS

• React JS • Data Visualization • Python • R  
• SQL • Deep Learning • Machine Learning  
• LSTM • Communication • Leadership • MS  
Power Point • MS Excel

## ACHIEVEMENTS

- Certificate of Merit Scholarship (2024)
- NPTEL (Python for Data Science) - 77% (2022)
- NPTEL (Joy of Computing using python)- 90%
- NPTEL(Data Structure and Algorithms using python). (2021)

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## PROJECTS

### Rice Leaf Detection using CNN (Research Paper)

CNN Image Analysis

Our research proposes using Convolutional Neural Networks (CNNs) to automatically detect these issues in rice leaves. We utilize transfer learning with pre-trained CNN models, followed by data preprocessing, model design, and training.

### Groffice (Chat app)

Tools: Reactjs, Firebase

- Organizes and makes it easier & efficient to access different groups!
- An organized chat app with streamlined group access, featuring a main group structure that includes easily accessible sub groups.