

## PROFILE

Innovative and detail-oriented **Information Technology graduate** with a passion for **AI-driven solutions, web development, and UI/UX design**. Proficient in **Python, Machine Learning, and Full-Stack Development**, with hands-on experience in **developing intelligent systems and optimizing user experiences**. Adept at transforming complex challenges into efficient, scalable solutions through analytical thinking and problem-solving skills. Eager to contribute technical expertise to a forward-thinking organization that values innovation and growth.

## PROJECTS

### Artistic Neural Style Transfer Using Deep Learning

06/2023 – 10/2023

- Engineered an **AI-powered image transformation system** that blends content and artistic styles.
- Leveraged **deep learning models like VGG, GANs, and Autoencoders** to generate high-quality stylized outputs.
- Implemented **Variational Autoencoders (VAE)** to enhance visual creativity and artistic control.
- Achieved a **40% improvement in style accuracy** and **25% reduction in processing time**.

### Disease Prediction and Medication Advice System

10/2022 – 03/2023

- Developed a **smart health diagnosis platform** that predicts potential diseases and suggests suitable medications.
- Integrated **Naive Bayes, Random Forest, Logistic Regression, and KNN algorithms** for accurate symptom-based predictions.
- Improved **disease prediction accuracy by 35%** and provided **personalized medication advice**.
- Enhanced the user interface for better patient interaction and data visualization.

# Adduru Drakshayani



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## EDUCATION

### BTech

GMR Institute Of Technology

2020 – 2024 | Rajam, India

CGPA : 6.93

### Intermediate - MPC

NRI Girls Junior College

2018 – 2020 | Visakhapatanam, India

CGPA: 7.83

### SSC

ZP Girls High School

2017 – 2018 | Cheepurupalli, India

CGPA: 9.2

## SKILLS

- Python
- HTML
- CSS(Cascading Style Sheet)
- JavaScript
- Machine Learning
- UI/UX Design
- MS Office
- Power point
- Excel

## PROFESSIONAL EXPERIENCE

### **Intern – Port Authority of India Limited**

12/2023 – 02/2024 | Visakhapatnam, India

- Developed a **KPI Dashboard** for data visualization using **HTML, CSS (Frontend)** and **Python (Backend)**.
- Implemented **real-time performance metrics** for business intelligence insights.
- Optimized UI/UX for **improved user experience and accessibility**.

## INTERESTS

- Drawing
- Dancing
- Playing Badminton
- Cooking

## DECLARATION

I hereby declare that the above information is true to the best of my knowledge.

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**Adduru Drakshayani**  
Cheepurupalli, VZM Dist

## PUBLICATIONS

### **Sign Language Translator Using Machine Learning**

Published in IJRPR (International Journal of Research Publication and Reviews) - Adduru Drakshayani under the guidance of Professor "Ajit Rout".

11/2022

- Created a **machine learning-based sign language recognition model** to aid the **deaf and mute community**.
- Implemented **KNN, Decision Tree, PCA, and SVM** for accurate hand gesture recognition.

## CERTIFICATES

- Python - Cisco Networking Academy - July 2024
- Machine Learning - Coursera - August 2022
- Google Data Analytics - IBM Coursera - March 2023
- Cloud Foundation - AWS - November 2022
- Basics of Microsoft PowerBI - Uniathena - April 2025
- Web Development - SoloLearn - May 2025

## LANGUAGES

English

Hindi

Telugu

## SOFT SKILLS & STRENGTHS

**Strong Communication & Collaboration**

**Quick Learner & Adaptable**

**Resilient & Goal-Oriented**