

# Shreyash S. Jadhav

Aspiring Computer Engineer, Machine learning and Deep learning enthusiast.

Final-year CSE student at VIT Chennai, passionate about technology, data science, ML, and deep learning.

Organized college events and enjoy community engagement. Always eager to learn and grow.

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## Education

<b>Vellore Institute Of Technology</b>	Chennai, India
B.Tech in Computer Science	Sept 2021 - Present
CGPA: 7.98	
<b>Dnyandeep Junior College</b>	Islampur, India
HSC 12th Board - 92.5%.	2021
<b>Vidyaniketan English Medium School</b>	Islampur, India
SSC 10th Board	2019

## Skills Summary

- **Languages:** Python, C++, SQL
- **Frameworks/Libraries:** TensorFlow, Streamlit, Docker, Keras, Scikit-learn, NumPy, Pandas, Matplotlib
- **Tools:** PostgreSQL, Google Colab, Jupyter Notebook
- **Platforms:** Linux, Windows
- **Spoken Languages:** English, Marathi, Hindi, German A1 - lvl.
- **Soft Skills:** Dedicated, Hard Working, Discipline, Consistent.

## Experience

<b>IntiGrow Pvt Ltd</b>	Physical
Trainee (Internship)	September 2023 - October 2023
• Developed a Wine Quality Prediction model using Python, Pandas, Seaborn, and Matplotlib.	
• Implemented a user-friendly predictive system using Streamlit and Docker.	

## Projects

- **Frequency-domain deep learning for plant disease classification** - *CNN, classifier, multi-class, image processing, deployment, Streamlit, Docker, DCT, frequency analysis, deep learning, Python, TensorFlow.*  
Developed a CNN-based multi-class classifier for plant leaf diseases using the PlantVillage dataset. Integrated Discrete Cosine Transform for frequency-based feature analysis. Deployed model using Streamlit and Docker.
- **CareMonitor: AI-Driven Disease Prediction** - *Python, Machine Learning, Streamlit, Scikit-learn, XGBoost, Pandas, Matplotlib, Data Analysis, Model Evaluation*  
Performed Exploratory Data Analysis and conducted performance benchmarking of Logistic Regression, KNN, SVM, Decision Tree, Random Forest, Gradient Boosting, and XGBoost for accurate prediction of Heart, Diabetes, Liver, and Kidney diseases; deployed results via an interactive Streamlit web app.

## Publications

- **Towards Precision Medicine: Machine Learning-Enhanced Data Analysis For Heart Failure Prediction** - Published in International Journal of Advances in Science, Engineering and Technology (IJASEAT) With impact factor of 3.15.
- **Frequency-domain deep learning for plant disease classification: A CNN-DCT hybrid approach for plant image analysis** - In-progress Springer Journal Publication.

## Extracurricular

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- **Operation Member of Swarajya-Marathi Literary Association** - Managed and organized multiple college events and feasts.
- **University Football Team Player** - Left winger: Developed leadership, teamwork, and strategic decision-making skills.

## Certificates

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- AWS Certified Cloud Practitioner - 2023
- Google Cloud Digital Leader - 2023
- Machine Learning A-Z: AI, Python by Udemy - 2024