

# Sri Ankitha Yatam

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📍 Amalapuram, India

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## 📋 Career Objective

Final-year B.Tech student specializing in Artificial Intelligence and Machine Learning, seeking an entry-level role to apply deep learning, data science, and software development skills in real-world applications.

## 🎓 Education

2022 – 2026	<b>B.Tech - 79%</b>
Amalapuram, India	<i>Bonam Venkata Chalamayya Engineering College</i>
2020 – 2022	<b>Intermediate - 87%</b>
Amalapuram, India	<i>Sri Vasista jr college</i>
2019 – 2020	<b>Secondary Education - 97%</b>
Amalapuram, India	<i>ZPP High School</i>

## 🧠 Skills

- Programming Languages: Python, Java, C
- Web Technologies: HTML, CSS, JavaScript
- Machine Learning: NumPy, Pandas, Scikit-learn, CNN, Transfer Learning
- Databases: MongoDB, MySQL
- Tools: Git, GitHub, VS Code

## 📁 Projects

### GrainPalette-A Deep Learning Odyssey in Rice Type Classification Through Trasfer Learning

- Developed an AI-powered system for automated rice grain classification using MobileNet and transfer learning techniques.
- Implemented image preprocessing, model training, and evaluation to achieve high classification accuracy.
- Enabled users to upload rice grain images for instant prediction and classification.
- Designed the solution to support farmers, researchers, and agricultural analysts in data-driven decision-making.
- Utilized Python, TensorFlow, Keras, and computer vision concepts throughout the project lifecycle.

## 🧩 internship

2025/06 – 2025/08	<b>Artificial Intelligence and Machine Learning</b> <ul style="list-style-type: none"><li>• Developed the GrainPalette system: an AI-powered rice grain classifier using deep learning (MobileNetV4) and transfer learning.</li></ul>
2024/05 – 2024/06	<b>AI/ML/DS</b>
Amalapuram, India	<ul style="list-style-type: none"><li>• Worked on basic machine learning models and data analysis tasks.</li></ul>

## 🌐 Languages

- English
- Telugu

## 📜 Certificates

- Introduction to Data Science
- MongoDB