

Sri Ankitha Yatam

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

Skills

— Programming Languages: Python, Java, C | Web Technologies: HTML, CSS, Basic JavaScript | Data Science & ML: NumPy, Pandas, Scikit-learn, CNNs, Transfer Learning Deep Learning Tools: TensorFlow, Keras | Databases: MongoDB, MySQL (Basic) | Tools: Git, GitHub, VS Code

Projects

GrainPalette-A Deep Learning Odyssey in Rice Type Classification Through Transfer Learning

- Developed an AI-powered solution for automated rice grain identification using deep learning and MobileNetV4.
- Enabled instant rice grain classification from user-uploaded images, supporting data-driven decisions in agriculture.
- Contributed to a platform adopted by farmers, researchers, and home gardeners for improved cultivation and resource management.
- Applied transfer learning and advanced computer vision techniques to maximize model accuracy and efficiency.

Internship

2025/06 – 2025/08	Artificial Intelligence and Machine Learning
	• Developed the GrainPalette system: an AI-powered rice grain classifier using deep learning (MobileNetV4) and transfer learning.
2024/05 – 2024/06	AI/ML/DS
Amalapuram, India	• Worked on basic machine learning models and data analysis tasks.

Languages

- English
- Telugu

Certificates

- Introduction to Data Science
- MongoDB