

DANGETI SHIVA AKSHITH

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Summary

Aspiring Software Engineer with a strong foundation in Python, machine learning, and web development, focused on building scalable backend applications. Passionate about problem-solving and continuous learning.

Education

B. Tech in Computer Science, Specialized in AI/ML

Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru

2022 - Till date

CGPA: 8.68

Skills

Programming & Querying: Python, Java, SQL(MySQL)

Web & Backend Technologies: HTML,CSS, Flask, Django

Libraries & Tools: Pandas, Tensorflow, NumPy, Git, Docker, VS Code

Experience

Artificial Intelligence and Machine Learning Intern

May2025 - June2025

SmartBridge Educational Services — In collaboration with APSCHE(Remote)

- Built and tested Python-based machine learning models with real-world datasets
- Performed data preprocessing, model training, and basic deployment workflows.
- Collaborated in a remote team environment following industry practices

Projects

Financial Risk Management and Strategies for Crypto Assets

- Developed an AI-driven cryptocurrency analysis dashboard using Python and Streamlit, integrating real-time and historical market data for price prediction and risk assessment.
- Implemented machine learning models with technical indicators to forecast short-term crypto price movements and evaluate model performance.

Plant Disease Detection

- Implemented Convolutional Neural Networks for image classification using Python and TensorFlow/Keras.
- Built a Flask-based web application with a CNN backend for real-time image-based disease prediction.

Floods Damage Detection using Satellite Imagery

- Developed an automated, accurate, and user-friendly system for detecting flood damage from satellite imagery using deep learning.
- The project aims to create a reliable artificial intelligence-based model that can rapidly classify images into damaged or non-damaged categories.

Certifications

- Alison: Python Certification
- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional
- Java Full Stack Certification – TalentNext (Wipro), 2025.
- Getting Started with AI – IBM SkillBuild Certificate(2025)