

Bandi Poorna Sri Sailaja

Pedatadepalli, Tadepalligudem, Andhra Pradesh 534101
B.Tech in Artificial Intelligence and Machine Learning
Sri Vasavi Engineering College

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PROFESSIONAL SUMMARY

B.Tech student specializing in Artificial Intelligence and Machine Learning with strong skills in computer vision, vision transformer, and deep learning. Experienced in building and deploying ML/DL models, especially for video analytics and aerial imagery. Skilled in data analysis, feature engineering, and visualization with Power BI. Proven ability to deliver data driven solutions and optimize model.

INTERNSHIPS & EXPERIENCE

Deep Learning Intern, NIT Andhra Pradesh

May 2025 – Present

Drone Enabled Deep Learning for Disease Prediction and Yield Estimation

Developing deep learning models using Vision Transformers (ViTs) on multi spectral drone imagery.

Working on disease prediction and yield estimation in agriculture from aerial perspectives.

EDUCATION

Sri Vasavi Engineering College

2022 – 2026

B.Tech in Artificial Intelligence and Machine Learning

CGPA: 9.1/10

Sasi Junior College

2020 – 2022

Intermediate (BIEAP)

Percentage: 96%

Bharatiya Vidya Bhavan's

2019 – 2020

10th Standard (CBSE)

Percentage: 90%

PROJECTS

Nutrition Recommendation System

Personalized ML based diet planning

Built a recommendation system using Scikit learn for BMI based dietary suggestions.

Tech: Python, Scikit learn, Pandas

LinkedIn Post Generator

Automated content generation tool

Created a tool to generate personalized posts using LLAMA 3.2 and Flask.

Tech: Python, Flask, OpenAI

Podcast Generator using Gemini AI

Document to podcast automation

Built a pipeline for text to speech podcast generation using Gemini AI and Google TTS.

Tech: Python, Flask, Gemini AI

Person Detection Using DETR

Crowd detection using Vision Transformer based model

Applied DETR (Detection Transformer) to detect people in video and images .

Tech: Python, PyTorch, OpenCV

TECHNICAL SKILLS

Languages: Python, Java, R

Frameworks/Libraries: TensorFlow, Scikit learn, Keras, OpenCV, NumPy, Pandas, Matplotlib

Tools: Git, GitHub, Jupyter Notebook, Power BI, VS Code

Web Technologies: HTML, CSS, JavaScript, React.js

Databases: SQL, Excel

Soft Skills: Communication, Problem solving, Teamwork, Adaptability

CERTIFICATIONS

Microsoft Certified: Power BI Data Analyst Associate (Jul 2025 – Jul 2026)

NVIDIA DLI Fundamentals of Deep Learning (2025)

NPTEL Introduction to IoT (IIT Kharagpur, 2025)

AWS Educate Introduction to Generative AI (Apr 2025)

Oracle Generative AI Certified Professional (Jul 2024)

AWS Machine Learning Foundations (Jan 2024)

AWS Cloud Foundations (Jan 2024)