

Karri Kartheeka Reddy

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Experience

Feynn Labs (Remote)

Jun 2025 – Sep 2025

MLDS Intern – Segment B

- Worked on Market Segmentation using PCA, clustering, and customer profiling.
- Built an AI prototype to improve targeting for small businesses.

IIDT + APSCHE – AI/ML/DS Internship

May 2024 – Jul 2024

AI/ML/DS Intern

- Rated “Excellent” for work on supervised learning and data preprocessing.

Technical Skills

Languages/Database: Python, SQL

Technologies: Machine Learning

Web Technologies / Frameworks: HTML, CSS, React.js, FastAPI, REST APIs, MongoDB

AI / ML Tools: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, NLTK, TensorFlow, XGBoost, OpenCV, YOLO, MediaPipe

Tools: Jupyter Notebook, Google Colab, Git

Education

B.Tech – Artificial Intelligence and Data Science

2022 – 2026

Sagi Rama Krishnam Raju Engineering College, Bhimavaram

GPA: 7.94

Intermediate

2020 – 2022

Sasi Junior College, Tanuku

86.1%

10th Standard

2019 – 2020

Bharatiya Vidya Bhavan’s Residential Public School

93%

Projects

AI-Based Proctoring System for Secure Video Interviews

- Developed an AI-based proctoring system for secure online interviews.
- Used Python, FastAPI, OpenCV, YOLO, and MediaPipe technologies.
- Enabled real-time monitoring through webcam video analysis.
- Detected suspicious activities like multiple faces, face absence, drowsiness, focus loss, and object usage.
- Generated instant alerts and stored logs in MongoDB.
- Achieved 90%+ accuracy with low latency.

Student Depression Prediction System – Machine Learning Project

- Achieved 85% accuracy using XGBoost on 10K+ records.
- Built real-time dashboards using Streamlit and integrated SHAP for explainability.
- Reduced report generation time by 30%, improved system robustness via debugging.
- Collaborated in Agile sprints and resolved data inconsistencies.

InvestorHub – MERN Stack Investment Dashboard

- Designed and developed a full-stack web app for managing personal investments.
- Integrated JWT authentication and visualized asset data using Chart.js.
- Built modular React components and REST APIs with Express and Node.js.

Certifications

- The Joy of Computing Using Python – NPTEL, IIT Madras
- Introduction to Cyber Security – Cisco Networking Academy

Volunteering

ISTE – Nipuna’24, SRKR Engineering College

Volunteered in event coordination, registration desk, and technical assistance for workshops.