

RAVI KUMAR KARRI

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Objective

A passionate and results-driven Artificial Intelligence Engineering graduate with a solid foundation in data science and machine learning.

Experience / Internships

Machine Learning Intern | INDIAN SERVERS

JUNE 2023 – JULY 2023

- Enhanced knowledge in AI applications, participated in development of tools using machine learning algorithms.
- Strengthened skills in text preprocessing, NLP model fine-tuning, and API integration with OpenAI and Huggingface.

Artificial Intelligence Intern | AIMERS SOCIETY

JUNE 2024 – JULY 2024

- As an intern, I worked on projects involving OpenCV for image processing tasks, integrated Telegram bots for real-time interaction and automation, and implemented object detection systems using models like YOLO. These experiences helped me strengthen my skills in computer vision, Python scripting, and deploying intelligent systems in practical scenarios.

Education

SWARNANDHRA INSTITUTE OF ENGINEERING & TECHNOLOGY, B.Tech

2022-2025

Major: Artificial Intelligence And Machine Learning

D.A GOVT. POLYTECHNIC , Diploma

2018-2021

Major: Mechanical Engineering

Skills & abilities

- **Programming languages:** Python , SQL
- **Web Technologies:** HTML , CSS
- **Machine Learning / Data analysis tools:** : NumPy, Pandas, Matplotlib, Natural language processing, OpenCV, Scikit-Learn, TensorFlow, PyTorch.
- **Tools & Software:** Microsoft Word, Microsoft Excel, Google Colab

Projects

OpenCV-based Mobile Phone Detection Application

- Designed and implemented an object detection algorithm using YOLOv8.
- Accurately detected and classified mobile phones and spectators in real-time.
- **Tools Used:** Python, OpenCV, YOLOv8

Telegram Bot using Gemini API

- Developed a Telegram bot integrated with Gemini API for conversational AI.
- Implemented risk assessment algorithms to improve response accuracy and transparency.
- **Tools Used:** Python, Telegram Bot API, Gemini API

YouTube Clon using HTML and CSS

- Designed YouTube Home page using Advanced HTML and CSS
- Developed responsive design techniques to ensure proper display across different devices.
- **Tools Used:** HTML, CSS

Number Guessing Game

- Developed a Python-based interactive game where users guess a randomly generated number
- **Tools Used:** Python