RAVI KUMAR KARRI

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Objective

Aspiring **Full Stack Developer** with a solid foundation in HTML, CSS, JavaScript, and Python. Skilled in both frontend and backend development, with a focus on building efficient, scalable, and responsive web applications. Eager to contribute technical expertise and problem-solving abilities to deliver high-quality, end-to-end web solutions.

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 , JavaScript
- **Web Technologies:** HTML, CSS, Bootstrap, React.js, Django
- **Data analysis tools:** NumPy, Pandas, Matplotlib, Natural language processing, OpenCV, Scikit-Learn, TensorFlow, PyTorch, Power BI
- **Tools & Software**: Microsoft Word, Microsoft Excel, Google Colab

Projects

Weather Application

- Developed a responsive web application that displays real-time weather information for any city using the OpenWeather API.
- Implemented dynamic UI updates with JavaScript to show temperature, humidity, wind speed, and weather conditions.

- **Tools Used:** HTML | CSS | JavaScript | OpenWeather API

Portfolio Site

- Designed and developed a personal portfolio website to showcase projects, technical skills, and achievements**.**
- Implemented responsive layouts for seamless viewing across devices.
- **Tools Used:** HTML | CSS | JavaScript

To-Do Application

- Create, update, and delete to-do items.
- Mark tasks as completed or pending.
- Responsive design using **HTML, CSS, and Bootstrap.**
- Uses **SQLite** for data persistence
- **Tools Used**: Django | Python | HTML | CSS | Bootstrap | SQLite

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

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