Kundana Reddy Tamma

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Objective

Aspiring Software Engineer with strong interests in Artificial Intelligence, Machine Learning, and Full-Stack Web Development. Currently pursuing a B.Tech in Computer Science with a specialization in AI and ML. Skilled in Python, TensorFlow, PyTorch, and deep learning frameworks, with hands-on experience in building and fine-tuning AI models. Proficient in HTML,CSS,JavaScript, React.js, Node.js, and Angular for developing scalable and user-centric web applications. Seeking an AI and Web Development Internships to apply technical expertise, contribute to innovative projects, and solve real-world challenges using cutting-edge technologies.

Technical Skills

- **Languages:** Python, Java, C
- **AI/ML:** Artificial Intelligence, Machine Learning, Deep Learning, Natural Language Processing (NLP), Large Language Models (LLM)
- **Generative AI:** Learning generative models (e.g., GANs, VAEs), model fine-tuning, and algorithm development
- **Libraries and Frameworks:** TensorFlow, PyTorch, Keras, OpenAI API (for working with LLMs)
- **Web Development:** HTML, CSS, JavaScript , React.js ,node.js
- **Databases and Cloud:** SQL, AWS, Cloud Computing (Learning)
- **Other Skills:** Data Structures and Algorithms (DSA), Cybersecurity (Learning), Model Training and Fine-tuning, Data Preprocessing, Experiment Documentation

Education

Dhanekula Institute of Engineering and Technology, Vijayawada
B.Tech in AI ML (2023 - 2027)
Relevant Courses: Artificial Intelligence, Machine Learning, Web Development, DSA

Projects

Movie Recommender System (Machine Learning)   *View Live Demo   — Github Repository*

- Built a content-based movie recommendation system using user preferences.
- Integrated TMDB API and deployed using Streamlit.
- **Tech Stack:** Python, Streamlit, Pandas, TMDB API, Pickle

Object Detection System   *View Live Demo   — Github Repository*

- Developed a real-time object detection web app using YOLOv8 and webcam/image input.
- Created an intuitive UI with adjustable detection settings.
- **Tech Stack:** Streamlit, OpenCV, Ultralytics YOLOv8, Pillow (PIL), NumPy

Adaptive Quiz App   *View Live Demo   — Github Repository*

- A React-based quiz application that intelligently adapts question difficulty based on user performance.
- Features a modern, animated UI with engaging interactions.

- **Tech Stack:** React.js, CSS, HTML

Swipe-Based Learning Recommendation System *View Live Demo* — *Github Repository*

- A modern, interactive application that helps users discover personalized learning techniques through an intuitive swipe interface.
- The system intelligently learns from user preferences to provide increasingly relevant recommendations.
- **Tech Stack:** React.js, HTML, CSS

Chess Game *View Live Demo* — *Github Repository*

- Created a fully functional chess game with interactive UI and logic.
- Implemented turn-based system, piece selection, and valid move handling.
- **Tech Stack:** JavaScript, HTML, CSS, jQuery

spotify Music Playlist *View Live Demo* — *Github Repository*

- Built a responsive music player with sleek UI and basic functionality.
- **Tech Stack:** HTML, CSS, JavaScript

Simon Says Game *View Live Demo* — *Github Repository*

- Developed a memory-based Simon Says game with event-driven programming.
- **Tech Stack:** JavaScript, HTML, CSS

Spotify Clone – Responsive UI Design with HTML and CSS *View Live Demo* — *Github Repository*

- Designed a Spotify-inspired UI with responsive layout and navigation.
- **Tech Stack:** HTML, CSS

A Simple Chat Applicaton Interface *View Live Demo* — *Github Repository*

- Built a chat UI with sidebar navigation, message bubbles, and mobile-friendly design.
- **Tech Stack:** HTML, CSS, JavaScript

Certifications

🔗 Artificial Intelligence Fundamentals
🔗 Applications of AI
🔗 Big Data Technologies and Applications
🔗 Introduction to Large Language Models
🔗 Chat GPT for Beginners
🔗 Neural Networks and Deep Learning
🔗 Data Structures by Infosys

Hobbies and Interests

- Active participation in tech communities, public speaking, and knowledge sharing on AI and Web Development topics
- Building personal projects in AI/ML and Full-Stack Web Development to apply and expand technical skills
- Exploring creative technologies like AI-generated art, web animations, and interactive digital experiences
- Playing badminton and engaging in outdoor activities to support focus, teamwork, and overall well-being