Kiran Babu

Generative AI Engineer

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Hyderabad

SUMMARY

Generative AI Engineer with hands-on expertise in LLM fine-tuning, deep learning, NLP, and computer vision. Skilled in developing, optimizing, and deploying AI-powered solutions using Python, TensorFlow, PyTorch, and Hugging Face. Experienced in LLM customization GPT, Gemini, LLaMA, MLOps, and AI-driven applications. Strong background in Flask, FastAPI, and scalable AI infrastructure, with a passion for real-world AI problem-solving and automation

EXPERIENCE

Artificial Intelligence Intern

Placemantra

Developed AI models for classification, regression & NLP applications Optimized deep learning architectures using TensorFlow & PyTorch Built scalable AI solutions deployed via Flask & FastAPI Applied feature engineering and hyperparameter tuning for model improvement Collaborated on AI-driven automation projects for efficiency enhancement.

SKILLS

Programming: Python

AI & ML: Deep Learning, NLP, Generative AI, Model Optimization   Frameworks: TensorFlow, PyTorch, Scikit-learn, OpenCV

Development Tools: Flask, FastAPI, Hugging Face Transformers

Soft Skills: Problem-Solving, Critical Thinking, Communication, Collaboration, Creativity, Innovation, Adaptability, Continuous Learning, Time Management, Organization, Teamwork, Leadership, Decision-Making, Analytical Thinking .

PROJECTS

AI-Enabled Smart Donation Network

AI Enabled Smart Donation Network project aimed at improving blood donation efficiency

Developed an AI-powered system to streamline blood donation by matching donors with recipients based on health data and geolocation Implemented Machine Learning algorithms to analyze donor compatibility using Random Forest and Logistic Regression models Integrated Blockchain technology for secure and tamper-proof donor records, enhancing data privacy Designed a Flask & FastAPI-based backend to process donor-recipient requests efficiently Incorporated a real-time geolocation tracking system to connect donors with nearby hospitals in need Built an intuitive user-friendly interface that allows hospitals and blood banks to manage donations seamlessly.

EDUCATION

B.Tech in CSE (AI & ML) (2022 – 2026)

Jawaharlal Nehru Technological University Hyderabad