BOLLAM LAKSHMI DEVI

AI/ML ENGINEER

TECHNICAL SKILLS

Core Skills
Machine Learning, Deep Learning, Natural Language Processing (NLP), Computer Vision, Generative AI

Model Development
Transformer Models (GPT, BERT, T5)
GANs, YOLO

Tools & Technologies
Docker, Kubernetes, TensorFlow, PyTorch, LangChain, Hugging Face Transformers

Web Development
HTML, CSS, JavaScript

Version Control
Git, GitHub

PROFESSIONAL EXPERIENCE

AI/ML Engineer | Capgemini
December 2023 – Present

Project: Video Analytics System for Virtual Meetings

- Developed an AI-based video analytics system to monitor and analyse virtual meetings.
- Leveraged YOLO models to detect participants and track activity in real-time.
- Automated video quality checks and participant engagement analysis, improving communication quality by 15%.
- Streamlined meeting operations with automated actions (e.g., recording start/stop, report generation).

Project: AI-Powered Chatbot for Automated Customer Support

- Designed and deployed an AI chatbot to enhance customer query handling, reducing response time by 25%.
- Fine-tuned Llama3 and GPT models for improved conversational AI capabilities.
- Integrated Q&A systems using LangChain and transformer pipelines.
- Deployed a multi-language support chatbot using Docker and Kubernetes, ensuring high scalability and availability.

CONTACT

devibollam221@gmail.com
(+91) 7093928326

OBJECTIVE

AI/ML Engineer with 1 + years of experience developing and deploying AI/ML solutions. Skilled in Python, Machine Learning, Deep Learning, and Generative AI, with a proven track record of delivering impactful solutions. Seeking a challenging role to leverage technical expertise in driving innovation and improving business outcomes.

EDUCATION

Malineni Lakshmaiah Women's Engineering College (2019 – 2023)

BTech in Computer Science & Engineering

CERTIFICATIONS

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization **(Issued by DeepLearning.AI, April 2024)**

5-day Bootcamp on Machine Learning & Hackathon (March 2022)