

BHASKARARAJU NARASIMHA KASYAP

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SUMMARY

AI/ML Engineer with expertise in Machine Learning, Deep Learning, and Generative AI. Proficient in Python and cutting-edge AI frameworks, with proven experience developing end-to-end AI solutions. Skilled in integrating ML models into scalable web applications and applying advanced techniques in NLP, computer vision, and AI-driven automation to deliver impactful, real-world outcomes.

TECHNICAL SKILLS

Languages: Python

Technical Skills:

ML / DL Techniques: Regression, Classification, Clustering, CNN, RNN, LSTM, ResNeXt, PCA

Generative AI: LLMs, Prompt Engineering, AI Agents, RAG (Retrieval-Augmented Generation)

Frameworks & Libraries: TensorFlow, PyTorch, Scikit-learn, NumPy, Pandas, OpenCV

Databases: MongoDB, MySQL

Web & Dev Tools: HTML, CSS, Git, Python(Streamlit, Django)

INTERNSHIP

GENAI LAKES

May 2025 - July 2025

Generative AI Engineer

FastJobs99 – AI Recruitment Platform

- Developed resume-job mapping using NLP embeddings and threshold scoring, improving hiring accuracy.
- Built a real-time WebSocket chat for recruiters and candidates, boosting engagement by 25%.
- Tech stack: Python, spaCy, Scikit-learn, Node.js, MongoDB, WebSockets.

EDUCATION

BACHELOR OF TECHNOLOGY

November 2022 - Present

Malla Reddy College of Engineering and Technology

CGPA: 9.28

PROJECTS

InterviewVault: Personalized Prep Assistant - React, TypeScript, Vite, Generative AI (Google Gemini Flash-1.5)

Created an AI interview assistant offering domain-specific Q&A, instant feedback, and resume enhancement, reducing prep time by 40%

ResuMate - Python, PyPDF2, Streamlit, Gemini 1.5 Flash.

Unique for integrating Generative AI with resume analysis, providing structured, career-focused feedback and actionable improvements rather than generic chatbot responses.

SmartChat - Python, LangChain, Pydantic, Google Gemini API

Uses Google Gemini LLM and LangChain agents to fetch and summarize information with source-backed, structured responses—helpful for accurate, actionable research.

Fishing Activity Detection Using ML

Built a machine learning model to detect and classify fishing activity from AIS data, identifying illegal patterns, gear types.

CERTIFICATIONS AND ACHIEVEMENTS

- Certified in Generative AI (LinkedIn Learning), Computer Networking (CCNA), Web Development (Internshala), and Cambridge English C1.
- Coordinated: GDG Bootcamp and Student Coordinator (Espiritu 2024), Design Co-lead (Espiritu 2025).