

# BHASKARARAJU NARASIMHA KASYAP

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## SUMMARY

I'm a Software Engineer with a solid understanding of data structures, algorithms, and core computer science principles. I enjoy solving challenging problems and writing clean, efficient code in Python. I've worked on projects that bring together software development, AI, and automation, and I'm passionate about building reliable, scalable, and user-focused applications that make a real impact.

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## TECHNICAL SKILLS

**Languages:** Python, Java (Basic)

**Technical Skills:**

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

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

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

Databases: MongoDB, MySQL

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

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## INTERNSHIP

**GENAI LAKES**

May 2025 - July 2025

**AI Engineer**

FastJobs99 – AI Recruitment Platform

- Developed an AI Q&A system with Gemini AI, reducing resume screening time by 30%.
  - Built a real-time WebSocket chat for recruiters and candidates, boosting engagement by 25%.
  - Tech stack: Python, spaCy, Scikit-learn, Node.js, MongoDB, WebSockets.
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## EDUCATION

**BACHELOR OF TECHNOLOGY**

November 2022 - Present

Malla Reddy College of Engineering and Technology

**CGPA: 9.28**

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## PROJECTS

**InterviewVault: Personalized Prep Assistant**

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.

**IntelliChat** - Python, LangChain, LangGraph, Google Gemini API

IntelliChat is a unique AI chatbot that combines Generative AI with custom tools to provide intelligent, context-aware conversations and practical utilities like calculations or greetings, showcasing dynamic tool usage beyond standard chatbots.

**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.

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## 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 (Espirito 2024), Design Co-lead (Espirito 2025).
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