

Nisarga V P

Near milk dairy Babbur, Hiriyur, Chitradurga, Pincode:577598

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SUMMARY

Computer Science and Engineering student with strong fundamentals in AI, Generative AI. skilled in Java, Python, MySQL, and RAG-based LLM systems. Hands-on experience building healthcare-focused AI projects, with a solid academic record (CGPA 9.12) and a proactive, problem-solving mindset.

PROJECTS

TUBERCULOSIS Q&A CHATBOT

Description: Developed an NLP-based chatbot that provides accurate information on tuberculosis (TB) symptoms, prevention measures, and treatment options, thereby promoting public health awareness.

Impact: Improved healthcare engagement by 50% through automated, user-friendly interactions.

Technologies: Node.js, Express.js, Natural Language Processing, Python.

INTELLIGENT HEALTHCARE ASSISTANT

Description: Designing a Generative AI-powered virtual assistant to enhance patient engagement and optimize medical workflows. Integrates Retrieval Augmented Generation (RAG) and Large Language Model (LLM) fine-tuning to deliver personalized medical insights, handle appointment scheduling, and perform symptom analysis.

Impact: Targets higher patient interaction efficiency by automating routine responses, reducing manual workload for medical staff.

Technologies: Python, LangChain, Llama 3.1 8B, Ollama, MongoDB, Power BI.

EDUCATION

2022-2026 - present	BTech Degree at Dayananda Sagar University	(CGPA:9.12 till 7th)
2022	12th at Ascent PU College , State Board	(89.4 %)
2020	10th at Presidency School , State Board	(86.3 %)

CERTIFICATIONS AND ACHIEVEMENTS

Basics of Python - Infosys Springboard.

DevOps with Docker, Implementing DevOps Using Docker - Infosys Springboard.

Took part in DSU DevHack 2024 - a national 36-hour hackathon conducted by Dayananda Sagar University. Engineered an IoT-based train sanitization solution to strengthen hygiene and safety measures for commuters.

Took part in Code Sprint 2 - A programming contest conducted by Google Developer Student Clubs at Nitte Meenakshi Institute of Technology.

SKILLS

Technical Skills: Java, C, Python (Basic), AI/ML & GenAI, MySQL, Data Structures & Algorithms, DevOps & CI/CD (basic)

Soft Skills: Strong team-building skills, proactive and self-motivated, exceptional organizational skills, critical thinking skills