

DHANPAL SHIVASAI

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PROFILE SUMMARY

Aspiring Data Scientist with a focus on AI, Machine Learning, and NLP. Proficient in Python, TensorFlow, and Generative AI technologies. Hands-on experience with LLMs, RAG, and deploying AI models with Streamlit. Strong problem-solving and leadership skills, with a passion for delivering impactful AI solutions.

EDUCATION

B.Tech in Artificial Intelligence and Machine Learning | Malla Reddy University, Hyderabad (Sep 2021– May 2025)
CGPA: 9.55

Intermediate in MPC | SR Junior College, Nizamabad | Percentage: 99.2 (June 2019–April 2021)

SSC | Sri Venkatasai Vidyanikethan | GPA : 9.8 (June 2018–April 2019)

SKILLS

- **Programming:** Python, Java, HTML, CSS, MySQL
 - **Libraries/Frameworks:** LangChain, Streamlit, Angular, Pandas, Numpy
 - **Soft Skills:** Problem Solving, Leadership
 - **Technologies :** Machine Learning, GenerativeAI
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INTERNSHIPS

Data Science with GenAI Intern - Innomatics Research Labs, Hyderabad (Jan 2025 – Mar 2025)

- Worked with LLMs, Agentic AI, RAG, and NLP to develop AI-driven solutions. Utilized Gemini and ChatGPT LLM'S for intelligent automation and text generation and Streamlit for interactive AI model deployment.
 - Completed four small projects and one major project, applying advanced GenAI techniques for real-world insights.
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PROJECTS

Enhancing Search Engine Relevance for Video Subtitles (Cloning Shazam) (Feb 2025 – Mar 2025)

- Improving search results for video subtitles using NLP and machine learning techniques.
- **Technologies:** Python, AI model-Whisper, Machine Learning-SentenceTransformers, BERT
- **Role:** Self Project

AI Conversational Data Science Tutor (Jan 2025 – Feb 2025)

- Developed an intelligent conversational tutor to teach data science concepts, leveraging LangChain and Google's Gemini LLM for natural language understanding and interactive dialogue.
 - **Key Technologies:** Python, LangChain, Gemini LLM, NLP, Machine Learning, Memory Augmentation, Streamlit
 - **Role:** Self Project
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ACHIEVEMENTS & CERTIFICATIONS

- **NPTEL:** Introduction to AI, Programming in Java (Jan–Apr 2023).
 - **Freelancing:** Freelance Subject Matter Expert at Chegg India(Feb 2024- Present).
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EXTRA-CURRICULAR ACTIVITIES

- Department Freshers Event Organizer , Served as a key organizer and departmental head for a freshers event, coordinating logistics, leading a team, and ensuring successful execution for 1400 participants.
- Participated in Code Debugging, Prototype Design Competition at Malla Reddy University.