

# SHARDUL MORE

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## OBJECTIVE

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I am a third-year CSE - AIML student with a specialization and strong interest in Artificial Intelligence, possessing expertise in machine learning, deep learning, large language models (LLMs), and natural language processing (NLP). I am passionate about advancing AI through innovative research and contributing to the academic and research community.

## EDUCATION

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**B. Tech (Computer Engineering - AIML)**  
**Rajarambapu Institute of Technology, Rajaramnagar**

Expected 2027

## SKILLS

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<b>Programming:</b>	Python, C, C++, R
<b>Machine Learning / Deep Learning:</b>	TensorFlow, Scikit-learn, Neural Networks, RNN, CNN
<b>NLP &amp; LLMs:</b>	Transformers (Hugging Face), LangChain, RAG
<b>Data Analysis:</b>	NumPy, Pandas, Matplotlib

## WORK EXPERIENCE

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**AIML Lead, Google Developer Group (GDG) — RIT**

Apr 2024 – Present

- Lead the on-campus GDG AI/ML chapter: organized workshops, hackathons, study groups, and guest sessions on ML, DL, and LLM tooling.
- Mentored students on project design, model selection, fine-tuning, RAG pipelines.
- Coordinated cross-team projects, event logistics, and technical resource development (labs, slide decks, example repos).

**Junior Research Intern, QKrishi**

Sep 2025 – Present

- Worked on agricultural optimization using AI: predictive yield modeling, resource-allocation recommendations, and crop recommendation systems.

## PROJECTS

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**R-Aletheia**

*LLaMA3-8B (Groq API), LangChain, OpenAlex API, RAG*

- Developed a research-focused AI agent to automate literature review and research idea generation.
- Integrated modules for paper retrieval, idea generation, research gap analysis, and key phrase extraction.
- Utilized OpenAlex API for academic paper abstracts and applied RAG for context-rich academic outputs.

**AI-Powered LMS with RAG**

*Gemini 1.5 Pro, Vector Databases, AWS S3, LLMs*

- Designed a modular RAG architecture to enhance teaching and learning experiences.
- Teacher panel supports PPT generation, question bank creation, and automated paper generation.
- Student panel enables note summarization, quiz generation, and concept visualization using LLMs.

**JobSensei**

*Gemini 1.5 Pro, Vertex AI, YouTube Data API, RapidAPI, Chroma*

- Built an AI career guidance system to assist non-metro students in skill development and job placement.
- Implemented a RAG-based career advisor that analyzes resumes and generates career roadmaps.
- Integrated job retrieval with AI-enhanced descriptions and YouTube-based course recommendations.

**SymMathNarrator**

*Transformers, NLP, Seq2Seq (T5-Base, FLAN-T5)*

- Developed a system to convert complex symbolic mathematical expressions into clear, human-readable natural language.
- Curated and pre-processed a dataset of 3,000+ diverse symbolic math problems covering linear algebra, predicate logic, and set theory.
- Fine-tuned T5-Base and FLAN-T5-Base models to capture the semantic meaning of mathematical symbols and generate accurate text descriptions.

## EXTRA-CURRICULAR ACTIVITIES

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- Lead of the **Google Developer Group (GDG) AI/ML** Chapter at RIT: organized workshops, mock interviews, and collaborative AI / ML projects for the development of peer skills.