

Shreyas Joshi

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EDUCATION

2021 - 2025	Bachelor of Technology (CSE) Maharaja Surajmal Institute of Technology, New Delhi CGPA: 9.24
2021 - 2026(Expected)	Bachelor of Science (Data Science and its Applications) IIT Madras (Online Degree) Student Dashboard

SKILLS

Programming Languages:	C/C++, Python, Java, HTML, CSS, JavaScript
Frameworks:	LangChain, Flask, FastAPI
Databases:	PostgreSQL, SQL
Libraries:	NumPy, Pandas, Matplotlib, TensorFlow, Keras, Pytorch, BeautifulSoup
Software Tools:	VS Code, Git, GitHub, Swagger, Postman, DB Browser

WORK EXPERIENCE

Generative AI Intern	<i>Inspire AI</i> June 2024 - July 2024 Building Agents with LangGraph along with tracing using LangSmith. Building LLM and RAG chains, and retrievers using LangChain.
Machine Learning Intern	<i>Harshan.ai</i> March 2024 - May 2024 Engaged in working with LLM models and RAG to enhance educational tools and applications.

PROJECTS

Luminary AI	Demo Link
Developed a sophisticated chat assistant offering text and audio prompts. Implemented capabilities to query PDF documents, interact with web content via URLs, and query through images as well. Leveraged advanced LLM chains and RAG for accurate and context-aware output generation. <i>Tech Stack:</i> Python, LangChain, HuggingFace, Streamlit, SQLite, Whisper, Llava, Mistral, HTML, CSS,	
Complex_RAG	Project Link
Developed a Q&A system with a RAG architecture using the Phi3 model. It retrieves relevant documents, extracts precise answers, and checks hallucination when needed, providing accurate, context-aware answers while operating offline for enhanced privacy and performance.. <i>Tech Stack:</i> Python, Langchain, llama3	
CrazyBookings	Project Link
A ticket booking web app with dual client interfaces: admin and user. Features include booking, searching for events and venues, viewing order history and invoices for users, and event/venue management for admins. Authenticated access for both roles. <i>Tech Stack:</i> Python, Flask, Jinja, HTML, CSS, JavaScript, SQLite	

CERTIFICATES AND ACHIEVEMENTS

GATE (DS & AI) 2024: Secured AIR 2635 in the examination.
Machine Learning Specialization: Course by Deeplearning.ai.
Foundation in Data Science: by IIT Madras. Covered subjects like Statistics, Computational Thinking, Python essential for Data Science.

POSITIONS OF RESPONSIBILITY

RasoR Society Member, IIT Madras: Active member participating in society initiatives.
Head Boy (2020-2021): BVB Mehta Vidyalaya, New Delhi. Led student council and organized school events.
Vice Head Boy (2019-2020): BVB Mehta Vidyalaya, New Delhi. Assisted in leading the student council and coordinating school activities.