

Daksh Sharma

+91-9214242647 | dakshsh0805@gmail.com | [LinkedIn](#) | [GitHub](#) | Jaipur, Rajasthan

Engineering student at JIET, Jodhpur, with a strong interest in **Generative AI, Computer Vision, and Software Development**. Passionate about solving real-world problems through technology, and keen to work on innovative projects and get exposure to practical use of CS in businesses and further enhance my application-based understanding of the same.

Undergraduate Studies (Ongoing – 4th Sem)

B. Tech. in Computer Science & Engineering | 8.5 CGPA (Till 3rd Sem.)

Jodhpur Institute of Engineering and Technology, Jodhpur

Skills

✓ C, C++	✓ NumPy	✓ Hugging Face	✓ Teamwork
✓ Python	✓ Pandas	✓ MongoDB	✓ Problem-Solving
✓ Java	✓ Matplotlib	✓ MySQL	✓ Creativity
✓ JavaScript	✓ OpenCV	✓ Docker	✓ Attention to Detail
✓ PHP	✓ PyTorch	✓ Git	✓ Resourcefulness

Experience

Runner-up | Smart India Hackathon 2024 (Ministry of Education's Innovation Cell Initiative)

- Collaborated with a team of five to design and develop a **Real-Time Traffic Control System** using **Computer Vision and AI (RL & RNN)**.
- Takeaways: **Real-time problem-solving, Time management, and Teamwork**

Participant | LNMHACKS 7.0 2025 (LNMIIT, Jaipur)

- Worked on a solution using **RAG Pipelines, Claude LLM, and Pathway Google Drive Connector** to process **Financial Reports & Tables** from structured & unstructured data.
- Takeaways: **Rapid prototyping, Problem-solving, and Collaboration**

Projects

AI-Powered Chatbot with STT, TTS, and Text-to-Image Generation

- Developed a chatbot using **Google's Gemini API**. Integrated **Speech-to-Text, Text-to-Speech** and **Text-to-Image generation** to enhance user interaction
- Made an interactive UI with **Streamlit** and implemented **MongoDB for user authentication & chat history storage**.
- Optimized performance with **PyTorch, python modules** and **Hugging Face models** for seamless AI-driven interactions.

Library Management System

- Created a web-based Library Management System using **PHP, MySQL**, and **session-based authentication**.
- Enabled secure login/logout, book management, and real-time database interactions.
- Strengthened security with **SQL injection prevention**.

Certifications

- **NPTEL (SWAYAM):**
Programming in Modern C++
Programming, Data Structures, and Algorithms using Python
Data Base Management System
- **Infosys Springboard:**
C Programming Course
Introduction to Java

Academic Background

- **Senior Secondary (Class 12) | 83.4%**
Vidya Sagar Sr. Sec. School, Jaipur
- **Secondary (Class 10) | 90.6%**
Bhartiya Vidya Bhavan's Vidyashram, Jaipur