

# DARSHIT RADADIYA

Ahmedabad, Gujarat, India

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## Education

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**LJ Institute of Engineering And Technology (LJ University)**

11/2021 – 05/2025

*B.E. in Computer Engineering — CGPA: 8.05 / 10*

*Ahmedabad, India*

## Work Experience

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**Wappnet System — AIML Internship**

01/2025 – 06/2025

- Gained hands-on experience with modern AI tools and framework including **Langchain**, **LangGraph**, **Huggingface**, **Model Context Protocol**, **RAG**, **GenAI** and no-code tools like **N8N**.
- Built and deployed custom **fine-tuned** and **quantized LLMs** on constrained infrastructure, achieving a **40% reduction** in response time and a **25% decrease** in model size.
- Worked in the **RAG-based Chatbot** and built a **fitness app** using **XGBoost (82% accuracy)** to generate personalized exercise and diet plans.

**Codiste Pvt Ltd — AIML Internship**

12/2024 – 01/2025

- Learned **RAG**, **LLMs**, and **vector DB (FAISS, ChromaDB)** for efficient retrieval and response generation.
- Developed a **policy automation** system that extracts due dates, sends automated email reminders, and streamlines workflow for **1,000+ users** using **OpenAI** and **make.com**.

## Projects

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**NaturalSQL** | LangChain, ChromaDB, Streamlit [[GitHub Link](#)]

- Developed a natural language interface using **LangChain** and **Google PaLM API** that allows **non-technical users** to generate, execute, and view results of **SQL queries** by typing simple English sentences.
- This solution enables users to explore and understand data insights without requiring any SQL knowledge.

**LightGPT (Intelligent Assistant)** | LangChain, MCP, Streamlit [[GitHub Link](#)]

- Built an intelligent assistant powered by **Groq's LLM** and **MCP**, allowing users to perform **code generation**, **deep research**, **real-time web browsing**, **image generation**, and **PDF Q&A** through a single interface.
- Implemented **multi-session** chat functionality with **Google OAuth** based login/logout, using **PostgreSQL** to manage **session history**, track tool usage, and enable PDF export functionality.
- Delivered a **dynamic chat UI** to provide a seamless and centralized productivity experience.

**SmartWeb Assistant** | LangChain, Qdrant, Streamlit [[GitHub Link](#)]

- Designed a **RAG-based chatbot** that allows users to query **live website** content by leveraging a custom pipeline of **web crawling**, **scraping**, **chunking**, **embedding**, and **storing vectors in Qdrant**, integrated with **Llama3**.
- Integrated with **Llama3** to provide answers via a **Streamlit UI**, using **PostgreSQL** for **persistent chat history**.

## Technical Skills

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**Languages:** Python, C++

**Course Work:** Object Oriented Programming, SQL

**Tools:** Git, GitHub, VS Code, Jupyter Notebook, MCP, Vector DBs

**Frameworks:** Scikit-learn, TensorFlow, LangChain, FastAPI, N8N (No Code Tools)

**Technologies:** Machine Learning, Deep Learning, NLP, GenAI

## Achievements

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- Selected in **Amazon Summer School 2024** from 83,000 applicants.
- **Ranked 114** in CodeChef Starters 108 Div 4, **Rank 712** in CodeChef Starters 89 Division 4

## Certificates

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- Machine Learning Specialization [[Certificate Link](#)]
- Exploratory Data Analysis for Machine Learning [[Certificate Link](#)]