

HARSHIT CHAVDA

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B.Tech student in Artificial Intelligence and Machine Learning at NLJET, with hands-on experience in backend development, AI projects, and automation systems. Skilled in Python, Java, Fast API, Node.js, SQL, and MongoDB, with a passion for building intelligent applications and contributing to real-world technology solutions. Seeking opportunities to apply technical knowledge, drive innovation, and grow as a developer.

LEARNED SKILLS

C Language

C++

C Advance

HTML

AI/ML

Python

SQL

LEARNING SKILLS

React

Node.js

CO – CURRICULAR ACTIVITY

SMART INDIA HACKATHON 2025

Aim: The project involved developing an AI-powered virtual assistant for the INGRES web portal to simplify access to India's groundwater resource data. The chatbot was designed to handle intelligent queries, providing both current and historical assessment results along with interactive visualizations for better understanding. It includes multilingual support to enhance accessibility for researchers, planners, and the general public. The system aims to improve efficiency and support informed decision-making in groundwater management under the Ministry of Jal Shakti.

SMART INDIA HACKATHON 2023

Aim: To develop a blockchain based tracking and e commerce application that includes waste disposal, scrap selling and tracking of information from the local area and gathering a collecting information about how the waste are treated and managing the tracking information of the scrap that how they are used and what happens with them.

J.A.R.V.I.S DESKTOP VOICE ASSISTANT

Aim: This project involved developing an offline AI-powered personal assistant capable of understanding and executing voice commands. FRIDAY integrates natural language processing to enable conversational interactions, application control, web searches, and automation of routine tasks. The system includes wake-word detection, voice-to-text conversion, and task execution modules, allowing seamless interaction and enhancing productivity. Designed with modular architecture, the assistant supports expansion for additional functionalities, demonstrating practical applications of AI, NLP, and automation technologies.

Work Experience

Backend Developer Intern – Dosepack India LLP

Contributed as a backend developer on Python-based web applications, gaining hands-on experience with **FastAPI, SQL, and database management**. Worked on ongoing projects to optimize backend workflows, enhance scalability, and ensure smooth data handling.

- Developed and maintained **RESTful APIs** to improve application functionality and client-server communication.
- Designed **efficient database schemas**, wrote SQL queries, and analyzed data models to optimize system performance.
- Conducted project analysis to identify improvements, proposing practical solutions for reliability and scalability.
- Collaborated with cross-functional teams to translate business requirements into technical solutions following best practices.
- Documented processes and optimized workflows to support future development.

EDUCATION

Exam	Board / University	Passing Year	Class
S.S.C	G.S.E.B	2022	81.47%
Diploma in Com Eng. 1 Semester	LJ University	2022	First Class with Distinction
Diploma in Com Eng. 2 Semester	LJ University	2023	First Class with Distinction
Diploma in Com Eng. 3 Semester	LJ University	2023	First Class
Diploma in Com Eng. 4 Semester	LJ University	2024	First Class with Distinction
Diploma in Com Eng. 5 Semester	LJ University	2024	First Class with Distinction
Diploma in Com Eng. 6 Semester	LJ University	2025	First Class with Distinction

L J University, Ahmedabad, Gujarat

Diploma in Computer Engineering

June 2025

New L.J Institute of Engineering and Technology

B.Tech in CSE-AIML

July 2025