

GOPAL SHARMA

LinkedIn: <https://www.linkedin.com/in/kumarianjali10/> | Aravali Bihar Thana ,Alwar | Mobile: 7878649336 | Email: sharmagopal7316@gmail.com

EDUCATION

Modern Institute of Technology & Research Center - Alwar

B.Tech - GPA: 9.6

Graduation: 2026

SKILLS SUMMARY

• **Other:** Python , Machine Learning , FastAPI , Rasa , MongoDB , LangChain , C/C++ , Object Oriented Programming , Data Preprocessing , Data Cleaning , DialogFlow

WORK EXPERIENCE

CodexIntern | Kolkata , West Bengal ,India | November 2024 - November 2024

Python Developer Intern

- Developed a functional voice assistant using Python libraries like speech_recognition, pytsx3, and pyaudio.
- Performed data analysis on real-world datasets to extract actionable insights using Pandas, NumPy, and Matplotlib.
- Gained practical experience in writing clean, modular Python code and applying core concepts such as OOP, file handling, and API integration.
- Documented project outcomes and collaborated in a remote environment using tools like Git and Google Meet.

PROJECTS

Myra – Personal Voice Assistant

Developed a Python-based voice assistant capable of performing tasks like sending emails, opening applications, searching ,Reading newspaper ,Wikipedia, playing music, and more through voice commands. Integrated speech recognition and TTS for interactive communication. GitHub link: [Link to Repository](#)

Technologies: Python, Speech Recognition, Text-to-Speech (TTS), Gmail API, Pygame

Asha AI Chatbot – AI-Powered Career Guidance for Women

Built a full-stack AI chatbot designed to support women's career growth through mentorship, job search, and real-time guidance. Backend Highlights: Developed RESTful APIs with FastAPI and integrated external job search APIs (JSearch via RapidAPI, Indeed) to fetch real-time listings. Implemented Rasa NLU for intent recognition and slot-filling to drive personalized conversations. Managed user profiles (PostgreSQL), chat history (MongoDB), and session context (Redis). Frontend Highlights: Built a responsive React + Vite UI featuring chat history sidebar, quick replies, typing indicators, and auth flow.

Technologies: FastAPI, PostgreSQL, MongoDB, Redis, Python, Rasa NLU, React, Vite, Tailwind CSS, JSearch API, Indeed API

CERTIFICATIONS

Certificate of Participation – Burnout: A MotoGP Datathon | IEEE Computer Society, Manipal University Jaipur | June 2024

Certificate of Participation – TATA Crucible Campus Quiz 2024 | Participated in the TATA Crucible Campus Quiz 2024, organized by the Tata Group, representing Modern Institute of Technology and Research Centre (MITRC), Alwar. |