

EDUCATION

AKTU

B.Tech in Computer Science and Engineering

CGPA : 8

Expected May 2026

SKILLS

Languages

• Python • Java • JavaScript • HTML • CSS

Technologies

• Git • Canva • SQL • Flask

ACTIVITIES

Hackathon

Hack-It-Out 2025 (IIT BHU)

Led a team to develop a Comment Sentiment Analysis Web App, overseeing project planning and execution. Implemented AI-based features such as comment classification, automated responses, and text-to-speech functionality. Ranked 4th in the national level competition, demonstrating strong problem-solving and technical skills

COURSEWORK

- Data Structures and algorithms
- Object Oriented Programming
- Computer Networks
- Database Management Systems
- Computer Architecture

EXPERIENCE

Next24Tech | Python Intern

Sep 24 - Oct 24 | Remote

- Provided hands-on experience in Python and **GUI** development programming
- Building a Chatbot Using Python, helped me exploring various libraries in python
- Final task was to design a GUI application that can extract lyrics from songs using Python, in which integrate APIs and web scraping techniques have been used to complete the task

Freelancing | Backend Developer

April 2025 – June 2025 | Remote

Lead Generation System

- Built a **Lead Generation System** using Django with secure sign-in/login and a user-friendly UI.
- Integrated **Groq LLM API** to convert natural language queries into SQL, execute them on a database, and return results in plain English.
- Achieved ~ **85% accuracy** in query-to-SQL conversion and end-to-end response generation.

Comment Sentiment Analysis Web App

Feb 2025 – March 2025

- Developed a web app that **classifies comments** as positive, negative, or neutral
- Integrated AI-based responses and highlighted notifiable comments
- Implemented **text-to-speech** functionality for **AI-generated responses**
- Technologies Used: Python, Machine Learning, Web Development , **Flask**

Voice Assistant using Python Libraries

Oct 2024 – Dec 2024

- Developed a custom voice assistant in Python enabling hands-free interaction through voice commands.
- Integrated speech recognition, natural language processing (**NLP**), and text-to-speech (**TTS**) libraries for seamless input and output.
- Implemented features like query answering, information retrieval, and command execution for an interactive user experience.

COURSES AND CERTIFICATIONS

DSA using Python Learning by Prof. Madhavan Mukund, IIT, NPTEL | 8 weeks The course enhanced my basic concepts and covered all the DSA topics

LEADERSHIP

Jan'22 to Mar'22

ATAL TINKERING INNOVATION club, MRM.G.S.S. SCHOOL

Lead the project 'Vertical Farming'

April'24 to July'24

JPP, RKGIT

Led a student group in a job preparation program focused on enhancing communication, presentation, and professional skills

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