


# YUVRAJ KUMAR

 yuvrajkumarsingh303@gmail.com

 GitHub |  LinkedIn

## Career Objective

A highly motivated and detail-oriented Computer Science student specializing in Artificial Intelligence and Machine Learning. Passionate about developing scalable, efficient, and innovative solutions using cutting-edge technologies. Seeking opportunities to apply my skills in software development, data-driven problem-solving, and AI-driven applications while continuously expanding my knowledge in the field.

## Education

### Bachelor of Technology & Science (B.Tech)

Lakshmi Narain College of Technology Excellence

Computer Science and Engineering – Artificial Intelligence & Machine Learning

2022 - 2026

Bhopal, Madhya Pradesh

### Higher Secondary School Certificate

DAV Public School

Patna, Bihar

2022

### Secondary School Certificate

DAV Public School

Patna, Bihar

2020

## Skills

Programming Languages: Python, C++, DSA Tools / Platforms: Git, VS Code

Databases: SQL

Soft Skills: Problem-Solving & Algorithmic Thinking  
Analytical Skills & Logical Reasoning  
Collaboration & Teamwork

## Projects

- **Movie Recommendation System** | [Link]  
Built a personalized movie recommender using **collaborative** and **content-based filtering** with **Scikit-learn** and **Pandas**. Focused on improving accuracy and efficiency for a better user experience.
- **Speech Recognition App** | [Link]  
Created a real-time speech-to-text app in Python using **Google's Speech API** and the **SpeechRecognition** library. Included continuous input handling and error management for reliability.
- **Cinevo-AI: Object Detection Web App** | [Link]  
Developed a **YOLOv5**-powered object detection app with **Streamlit** supporting images, videos, and webcam input. Ran locally without GPU and enabled output downloads with real-time inference.

## Certifications

- Python for Beginners - Simplilearn SkillUp
- Programming Using C++ - Infosys Springboard
- Database Management System Part - 1 - Infosys Springboard
- Introduction to Cybersecurity - LNCT GROUP OF COLLEGE THROUGH THE CISCO NETWORKING ACADEMY. CCNA: Introduction to Networks - LNCT GROUP OF COLLEGE THROUGH THE CISCO NETWORKING ACADEMY.
- Data Science BootCamp - GEEKSFORGEEKS

## Languages

-  **Hindi:** Fluent
-  **English:** Fluent

## Interests

- **Software Development & Machine Learning**
- **Chess & Strategic Thinking**
- **Exploring Historical Events & Technological Evolution**