

# TANISHA RATHORE

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## EDUCATION

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AMITY UNIVERSITY

Btech in Computer Science with AI-ML (specialization), GPA: 8.1

AUG 2022 - Present

Gwalior, (MP)

## PROJECTS

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WhatsApp-chat-analyser: Python

It covers various aspects such as total messages, word count, and links shared. The analysis includes monthly and daily timelines to track messaging trends, an activity map that visualizes the most active hours, and highlights the busiest users. Additionally, a word cloud shows the most frequently used words, while emoji analysis uncovers the most popular emoji's used.

Bank-Management-System: Java

This Java project simulates the functionalities of a real-world ATM. Key features include account creation, deposits, withdrawals, mini statements, and PIN management. It offers a user-friendly interface and secure operations, displaying core-banking processes in a digital environment.

Speech Recognition Model: Python

Using Python, PyAudio, pipwin, and pyttsx3, build a speech recognition model that captures audio, converts speech to text, and provides voice-based feedback. These libraries enable real-time audio processing and interaction, making it easy to create voice-controlled applications and virtual assistants.

## RELEVANT COURSEWORK

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Data Structure & Algorithm  
Database Management System

Object Oriented Programming  
Web Technologies

Machine Learning  
Software Design & Methodologies

## SKILLS SUMMARY

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Language Knowledge: C, C++, Java, Python, SQL, Html, CSS, JavaScript.

Frameworks: Numpy, Pandas, Keras, NODE.js, Tensor Flow.

Developer tools: Git, GitHub, Jupyter (Anaconda), VS code, Google Collab, Android studio, Eclipse.

Database knowledge: MySQL.

Soft skills: Leadership, Problem Solving, Critical thinking, Time management.

## CERTIFICATION & COURSES

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Created a research Paper for Detecting the Accuracy in Goggle Translate.

Internship in artificial intelligence in Code Clause Company during summer internship program.

AIML virtual Internship certificate at AICTE.

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Competitive Coding Profiles: [Leetcode](https://leetcode.com/), [GeeksforGeeks](https://www.geeksforgeeks.org/), [Codechef](https://www.codechef.com/).