

KASHISH MALVIYA

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Education

National Institute of Technology ,Tiruchirappalli
Master of Computer Applications (07.53)

August 2023 - Present
Tamilnadu, India

K.K College of science and prof. Studies, Indore,Madhya Pradesh
Bachelor of Computer Applications (74.33%)

June 2020 - June 2023
Madhya Pradesh, India

Projects

Fake news detection | Machine learning |

April 2025

- In this project, Built a Fake News Detection model using a hybrid BERT + LSTM architecture to classify news articles as real or fake. The project involved fine-tuning BERT for contextual embeddings, integrating LSTM to capture sequential dependencies ,conducted CPU vs GPU benchmarking and parallel training experiments to evaluate performance and scalability. This work demonstrated the effectiveness of combining transformers with RNNs in tackling misinformation and enhancing digital literacy

FairVocals | AI-Powered Singing Performance Analyzer

June 2025

- Developed a full-stack web application for NITTFEST Vocals, a competitive inter-department singing event at NIT Trichy. The platform enables transparent and unbiased evaluation of participants by analyzing their vocal performances through audio signal processing. Implemented one-click recording, voice feature extraction, and DTW-based comparison to assess pitch, timing, and clarity. Integrated a database (MySQL) to store participant information, audio recordings, and judges' scores, ensuring persistent data management and efficient retrieval. Built using React for the frontend and Flask (python) for backend..

Skill vs Job Analyzer |

May 2024

- I Have built a frontend web app using HTML, CSS, and JavaScript to analyze resume–job fit. In this I have Extracted text from PDF resumes using PDF.js and compared it with job descriptions to highlight matched and missing skills, compute match percentage, and recommend resources to upskill.

Position of Responsibility

- Version Volunteer** - Volunteer in Version'25: Mar 2025 Worked as a Volunteer in HRC(Hospitality-Relations Committee). A Committee in which volunteers communicate with the MCA Students across India for their participations .In Version- An event conducted by MCA Department at NIT Trichy , where all MCA Students across all over the India gathering to communicate with each other and participates in different events.
- Class Committee Member of our Batch MCA'26: present** Currently pursuing the position of CCM of our batch. The work of CCM is to communicate and make a balance of coordination between students and Professors.

Profile Links

- Codechef
- Leetcode
- GeeksforGeeks

Technical Skills

Languages: C++, Python,java, HTML, CSS, JavaScript

Databases: MySQL, MongoDB

Frameworks Tools: React , Git /Git Hub

Extracurricular Activities

- A volunteer in Help Age India in which I contributed in donation and spreading awareness organised by Marthoma Higher Secondary School.
- Secured Second place in Tug of war in **Spielmac'23** -the sports event organized by SOFTREC club, NIT Trichy.
- Solved more than **700+** problems across platforms like LeetCode, Codeforces, and CodeChef.
- Part of Chorenite in which MCA secured 3rd position among all departments which is the one of the events of NITTFEST'24 organised by NIT Trichy. (Link)