

# MOHIT KRISHNA

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## EDUCATION

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### Master of Technology, Data Science

2024-2026

Indian Institute Of Information Technology, Jabalpur

CPI: 8.0.

### Bachelor of Technology, Mechanical Engineering

2018 - 2022

ABES Engineering College, Ghaziabad

CPI: 8.09.

## SKILLS

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### Programming Languages

C++, Python, SQL

### Libraries And Frameworks

SKLearn, PyTorch, Pandas, Numpy, Transformers

### Relevant Course Work

Computer Architecture , Operating Systems, Computer Networks, Compiler Design, Data Structures And Algorithms, Deep Learning, Machine Learning

### Soft Skills

Adaptability, Team Work, Communication Skills

## EXPERIENCE

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### Cognizant - Programmer Analyst ([Relieving Letter](#))

Sep 2022 - Aug 2024

- Responsible for developing, planning and implementing End to End test cases based on software requirements, user input and technical understanding
- Responsible for developing and executing automated testing strategies
- Responsible for functional, system and regression tests to establish the software capability and reliability
- Involved in Production Support and Maintenance based applications including various types of data extraction, file patching, process automation and bug fixing

## PROJECTS

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**Deepfake Detection Using Convolutional Vision Transformers.** : Developed a deep learning-based framework for detecting deepfakes by leveraging advanced computer vision techniques. The system utilizes convolutional neural networks (CNNs) and vision transformers to extract, analyze, and compare facial features, enabling more accurate and robust detection of manipulated content. To enhance detection reliability, the framework incorporates multi-scale feature extraction and attention mechanisms, allowing it to distinguish subtle inconsistencies in facial expressions, lighting, and texture. Additionally, extensive experiments were conducted on benchmark deepfake datasets to evaluate model performance, ensuring high precision and generalizability across different types of forgeries.

**BAJA SAEINDIA (Suspension Department)** : Developed a vehicle suitable for off-road terrain and designed a suspension system which maintains traction with the road while controlling the ride frequency of the vehicle during different off-road conditions.

It primarily focuses on designing and manufacturing various components of vehicle with utmost accuracy while considering various other factors like vehicle ergonomics, weight, cost and most importantly the safety of the driver.

## CERTIFICATIONS

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- [Certified SAE 6 Practitioner](#)
- [Tricentis Tosca Fundamentals- Automating web application testing \(AS1\)](#)
- [Tricentis Tosca Fundamentals- Optimizing test automation with centralized test data \(AS2\)](#)
- Developing Soft Skills And Personality- NPTEL, IIT Madras