

# Tushar Mitra

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## SUMMARY

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Motivated B.Tech 3<sup>rd</sup> Year Student specializing in the domain of Data Science and its related fields with hands-on experience. Love learning new technologies and implementing them. Strong problem solving and analytical skills. Proficiency in different technologies.

## EDUCATION

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**Kalinga Institute of Industrial Technology**, Bhubaneswar, Odisha, India

*Bachelor of Technology in Computer Science and Engineering*

(2022-2026)

CGPA: 9.33

Coursework: Data Structures, Algorithms, Database Management System, Operating System, Computer Networks, Computer Organization & Architecture.

Activities: Participated in various events like Launchpad and Udghosh Quiz Competition organized by Qutopia, Hack-a-Bot organized by USC KIIT, Red Hat Academy Challenge by Coss India.

**Loyola High School**, Patna, Bihar, India

*Central Board of Secondary Education (CBSE)*

(2009-2021)

10<sup>th</sup> Score: 93.67%

12<sup>th</sup> Score: 91.8%

Activities: Scientia'17 Inter-School Quiz Competition Winner, Inquizitive Minds Quiz Competition National Finalists, Inter-House Cricket Competition, Inter-Class Kabaddi Competition, Inter-Class Quiz Competition, Received Several Medals in SilverZone and SOF Olympiads.

## WORK EXPERIENCE

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**AICTE-EduSkills Virtual Internship**

**July 2024-August 2024**

- Gained invaluable knowledge about Machine Learning and Deep Learning, but particularly focusing on Convolutional Neural Networks (CNN) and Object Detection using RCNN and YOLO models.
- Learned how to classify objects into different groups and find which group a new object belongs to, and later checking the accuracy and loss of the trained model.

## PROJECTS

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**Diamond Price Prediction** [\[Project Link\]](#)

**August 2024**

- Used a dataset from Kaggle and trained the model using several machine learning regression algorithms from the Scikit-Learn library.
- Performed data cleaning operations using Python libraries like Numpy and Pandas.
- Used Gradio library to make an interface for executing the project. Hosted the project on "Hugging Face".

## SKILLS

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### Technical Skills

C • Java • Python • Machine Learning • Deep Learning • Object Detection • Computer Vision • MySQL • HTML • CSS

### Soft Skills

Teamwork • Leadership • Communication • Problem Solving • Critical Thinking