Tushar Mitra

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SUMMARY

Motivated B.Tech 3rd 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

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)

10th Score: 93.67%

12th 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

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

Diamond Price Prediction   August 2024

- Used a dataset from Kaggle and trained the model using several machine learning regression algorithms.
- Performed data cleaning and visualization using Python libraries like Numpy, Pandas, Matplotlib and Seaborn.
- Used Streamlit library to run the model and host it on Streamlit Cloud.

SKILLS

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