

Krishna Mundra

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IIT Bhubaneswar

B Tech in Civil Engineering + M. Tech

in Structural Engineering

Fifth Year Student

CGPA: 7.78/10



Education

Year	Degree/Examination	University/Board	%/CGPA
2023*	B Tech in Civil Engineering + M. Tech in Structural Engineering	Indian Institute of Technology Bhubaneswar	7.78/10
2018	Intermediate (12 th standard)	Central Board of Secondary Education	83.3%
2016	Secondary School Certificate (10 th standard)	Central Board of Secondary Education	9.7/10

Internship Experience

Product Intern, Facets.Cloud

2023

- Drove data-driven decision-making through product analytics, resulting in a 20% boost in user engagement.
- Participated in feature development with a focus on validating and enhancing existing product functionalities, leading to improved user experiences.

Engineering Intern, Strata Geosystems (India) Pvt. Ltd.

2022

- Design and Innovation intern in the field of reinforced soil wall using Strata Geogrid and Geocell.

Project

Analyzing the Attrition Rate of a Company

2022

- Analysing ratio of attrition based on the factors and advise suggestion to curb the attrition.
- Modelling the probability of attrition using an analytical technique.
- Machine learning algorithms like KNeighbors Classification, SVM Model, Linear Regression, Logistic Regression, Decision Tree, Random Forest Classification are used.

Plant Disease Classification

2023

- Employed a dataset of 87,000 RGB crop leaf images, categorized into 38 classes, with an 80/20 training-validation split and a test directory of 33 images.
- Built a model for binary (healthy vs. diseased) and multi-class (disease identification) classification of crop leaves.
- Used AlexNet, ResNet, VGGNet models for prediction and accuracy vs epoch and loss vs epoch curve for evaluation.

Key Skills

Basic : Python, Machine Learning, Deep Learning, Computer Vision, Problem Solving.

Libraries : NumPy, Pandas, Matplotlib, Seaborn, Sklearn, Keras, Tensorflow.

Tools and Database : MySQL, Oracle, BigQuery, PowerBI, MixPanel, Pendo, Microsoft Office.

Others : EDA, Data Wrangling, Linear Regression, Logistic Regression, ANN, CNN, RNN.

Certifications

- "Python" by HackerRank.
- "SQL" by HackerRank.
- "Problem Solving" by HackerRank.

Positions of Responsibility

General Secretary, Socio-Cultural Council, Student Gymkhana, IIT Bhubaneswar

2021

- Responsible for leading and managing 10 societies and clubs comprising of 1000 members.

Corehead, Events Team, Alma Fiesta, IIT Bhubaneswar

2021

- Headed and managed the events team of Alma Fiesta, the sociocultural fest of IIT Bhubaneswar.

Music Secretary, Students, IIT Bhubaneswar

2020

- Managed the operations and organization of Aaroh, the music society of IIT Bhubaneswar.

Student Guide, Counselling Services Team, IIT Bhubaneswar

2020 & 2021

- Guided and mentored freshers from 20' and 21' batch.