



SANDIP DAS

Engineering Student with a passion for Problem-Solving and hands-on learning.

Currently, I am seeking an opportunity where I can utilize my technical, analytical and problem-solving skills for the benefit of the organization.

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🌐 imsandip.me

EDUCATION

Bachelor of Technology

JIS UNIVERSITY

Computer Science & Engineering

July, 2019 – June, 2023

PROJECTS

Detection of ADHD and explaining the factors

- ❖ Our model predicted ADHD with an accuracy of 97% and also providing insights into why an instance of data was classified as such.

Explainable AI for Predictive Analytics on Employee Attrition

- ❖ To analyze the possible factors behind employees leaving the company. We focused on in depth analysis of feature using LIME and SHAP in order to explain the feature and their importance level in details using a 15000 HR dataset.

Imbalanced Healthcare Data Handling

- ❖ A basic solution to a class imbalanced healthcare data using machine learning with 96% accuracy.

Online doctor appointment system

- ❖ Patients can book doctor's appointment whenever and wherever they wants by logging into our website.
➤ <https://stethoscope.systems/>

Heart Attack Prediction using Machine Learning

- ❖ Predicting heart attacks using machine learning based on a few factors with 97% accuracy.
➤ hyheart.herokuapp.com

POSITION OF RESPONSIBILITY

- **Core Member of JISU Media Club**

JIS University

2021 – Present

SKILLS

Java Python C PHP JavaScript

Machine Learning Web Development

HTML CSS React MySQL Ms Office

PUBLICATION

- ✓ **Explainable AI for Predictive Analytics on Employee Attrition** - *Accepted for publication
2022 4th International Conference on Soft Computing and its Engineering Applications (icSoftComp2022)

EXPERIENCE

HighRadius-Winter Internship

January, 2022 – April, 2022

CERTIFICATION

- ☐ **Deep Learning with TensorFlow**
Cognitiveclass.ai | IBM Developer Skills Network
- ☐ **Data Analytics and Visualization Virtual Experience**
Forage | Accenture
- ☐ **Introduction to Cloud**
Cognitiveclass.ai | IBM Developer Skills Network
- ☐ **TCS iON Career Edge**
TCS - TCS iON
- ☐ **Machine Learning with Python**
Cognitiveclass.ai | IBM Developer Skills Network
- ☐ **Interactive Computer Graphics**
Coursera | The University of Tokyo

LANGUAGE

➤ English ➤ Bengali ➤ Hindi