



Sandip Das

Dedicated Computer Engineering Graduate with a passion for innovation and technology, eager to secure a dynamic role that harnesses my robust analytical, problem-solving, and programming prowess to make impactful contributions to the organization's success.

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GitHub : github.com/sandip2233

Portfolio : imsandip.me

EDUCATION

Bachelor of Technology

JIS UNIVERSITY

Computer Science & Engineering

GPA – 8.18/10 June, 2023

Relevant Courses: Software Engineering,
Data Structures & Algorithm,
Object-Oriented Programming,
Web Development,
Machine Learning.

PROJECTS

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 15K HR dataset.

Online doctor appointment system

- ❖ Patients can book doctor's appointment whenever and wherever they wants by logging into our website. To construct the web application I used HTML, CSS, JavaScript, php and MySQL.
➤ <https://stethoscope.systems/>

Detection of ADHD and Explaining the Factors

- ❖ We used three different machine learning model to predicted ADHD among them random forest provide best accuracy that is 97% and also we try to find insights of the model to know why an instance of data was classified as such.

CERTIFICATION

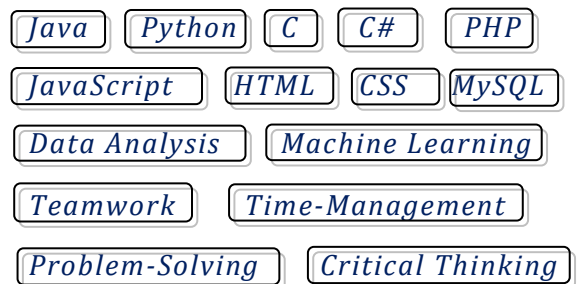
- ❑ **Deep Learning with TensorFlow**
Cognitiveclass.ai | IBM Developer Skills Network
- ❑ **Data Analytics and Visualization**
Forage | Accenture
- ❑ **Machine Learning with Python**
Cognitiveclass.ai | IBM Developer Skills Network
- ❑ **Software Product Management**
Coursera | University Of ALBERTA

EXPERIENCE

❖ Product and Engineering Intern | HighRadius January, 2022 – April, 2022

- Built an AI Enabled Fintech B2B Cloud Application using Machine Learning, Python, HTML, CSS.
- Designing a great user experience and building appropriate data models and machine learning models along with relevant UI components.
- Collaborated with a cross-functional team to develop and enhance features for a web-based application.

SKILLS



PUBLICATION

- ✓ **Explainable AI for Predictive Analytics on Employee Attrition - Published**
International Conference on Soft Computing and its Engineering Applications
(CCIS, vol-1788. Springer, Cham.)
DOI - https://doi.org/10.1007/978-3-031-27609-5_12
- ✓ **Detection of ADHD and explaining the factors**
- *Accepted for publication
International Conference on Data Science and Communication (ICTDsC-2023)
ISBN (978-981-99-5437-7)

LANGUAGE

- English
- Bengali
- Hindi