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**Snehasish Mohapatra**

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**Objective:**

Passionate to learn new things and analyze the concept for implementation purposes. With managerial experience, I have acquired analytical and troubleshooting skills which would help me in achieving organizational goals.

**Professional Experiences:**

* Virtual Intern (Feb 2021): Microsoft.
  + Engineering: Undergraduate & Masters Asia Virtual Experience Program

* Python Developer Freelancer (March 2021-):
  + Ocertify
    - Generate certificate within few seconds
    - User Authentication
    - Admin panel
    - Certificate verification, deletion, validation ​
    - Sends data to Postgres database and emails user in Deployment we install Gunicorn locally.
    - Bootstrap for better templates
    - SQLAlchemy to interact with database
    - WTForms to create forms for login
    - Mail to send emails to registered users

* Chief Managing Officer and Developer (March 2020-June 2020): M/S Archis India,Odisha.
  + I had started own Startup in this COVID-19 pandemic called ARCHIS INDIA had manufactured different kinds of Contactless Hand Sanitizer Dispenser and worked on Edutech. Here as a Chief Managing Officer responsible for the selling product and generated 50,000 in lockdown and as a Developer build the software to teach the student. Acted​ as Instructor and Trained around 5 candidates in Python and Data Science.

* I have done projects and studied concepts on Data science that mentioned below

* + Crude Oil Price Forecasting
    - The objective of study is to discuss the effectiveness of hybrid statistical and machine learning models to accurately predict the crude oil price .
    - Sum the ETS forecasts with ARIMA forecast, ANN forecasts, SVM forecasts, ZHM forecasts and WHM forecasts to obtain the original forecasts.
    - De-Normalize the original Forecasts using the min-max Denormalization Technique to obtain the true forecasts and Measure the forecasting accuracy. Finally, obtain the final forecasts by using the above forecasting models.

* + Customer Churn Prediction
    - The bank can easily identify the customers who are willing to exit the bank.

➢ Python Libraries used: Pandas, matplotlib, numpy, sklearn

➢ Tools/software used: Python Jupyter notebook.

* + - Using the pickle library to serialize a model object.​

➢ Build a web service for prediction using the flask library.

* + - Invocation of web service by passing the test dataset to the web service using rest api calls.

* + Predicting Student Admissions
    - Here, predict student admissions to graduate school at University based on three pieces of data: GRE Scores ,GPA Scores ,Class rank.​
    - Use two very useful packages called Pandas and Numpy.
    - Use Keras to build our neural network.

* + Giving Presentations and participate in Knowledge Sharing session on the topic "Artificial Neural Network".

* Intern (June 2019-July 2019): MCL, Talcher

**Workshop & Certification:**

* AI Workshop

Microsoft, Online

Dec 2020 - Dec 2020

* Responsive Web Design FreeCodeCamp, Online

Jan 2019 - Feb 2019

* Machine Learning Workshop

Sambalpur University, Burla

Feb 2018 - Feb 2018

* Python

Sololearn, Online

March 2017 - May 2017

* Java

CTTC, Bhubaneswar

May 2017 - Jun 2017

**Skills :**

* Operating System: Linux, Windows
* Programming: C, Java, Python, Javascript, HTML,CSS,SQL
* Tools: MS Office, Sublime-Text, Jupyter Notebook, VS-Code

**Education**:​

* **Sambalpur University (2016-2020) (7.6/10)**​

B-Tech (Computer Science and Engineering)

* **Kalinga Institute of Industrial Technology-DU (2020-2022) (7.6/10)**​

M-Tech (Computer Science and Engineering)

**Additional Details**

* Organized an industrial visit to Vedanta Alumina Ltd for a batch of 50 students in 2018 and organized an industrial visit to SDSC-SHAR ISRO, Sriharikota for a batch of 50 students in 2019.
* Organised for STARTUP INDIA YATRA BOOTCAMP in Sambalpur University and formed the Incubation Committee.
* Qualified for Quarter Final Chess Tournament in College Sportsfest-2k19.
* Working as Coordinator of Student Activity Center in College.

**LANGUAGE**

* Proficiency in English, Hindi and Odia

**Declaration:**

I hereby affirm that the information furnished in this form is true and correct.

SIGNATURE

Snehasish Mohapatra