

# ARYAMAN

## Data Science Engineer

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## EXPERIENCE

### Data Analytics Intern

#### Inspira Enterprises

Jun 2023 – Jul 2023 Ranchi, Jharkhand

- Responsible for supporting the data analysis activities such as collecting, cleaning, and analysing data from various sources to help identify trends, patterns, and insights that can inform business decisions.
- Collaborated with CMPDIL (Under Ministry of Coal) to develop a robust web application for CSIS, empowering efficient data management and streamlined processes for critical information within the coal industry

### Big Data Intern

#### CMPDI, GOI

Dec 2022 – Jan 2023 Ranchi, Jharkhand

- Text mining and analytic on SAS Enterprise Miner of data based on safety issues and accidents occurring on various coal fields and mines.

## PROJECTS

### AI Tutor

Apr 2023

- AI Tutor is a web-based chatbot that utilizes OpenAI's GPT-3 language model to provide automated tutoring to students on various topics related to machine learning.

### Gender and Age Detection

Oct 2022 - Dec 2022

- To identify the gender into binary categories, male and female using facial features such as skin tone, wrinkles, etc, and to classify their age based on similar features. CNN with Skip Connections achieved the best accuracy or 87.56

### Carbon Emission Calculator

Aug 2022

- Calculate and track your carbon dioxide emissions based on electricity, fuel, LPG, and waste consumption.

### Anime Recommender System

May 2022 – Jun 2022

- Developed an Anime Recommender System using Cosine Similarity, KNN, and Association Rules, leveraging user preference data and ratings from a dataset of 73,516 users and 12,294 anime, aimed at improving the accuracy and effectiveness of anime recommendations for users based on their viewing history.

### Anti-Suicide Chat Bot

Jul 2021 – Aug 2021

- A chat bot which talks to people and replies to them based on a set of predefined responses related to suicidal thoughts. The algo is using a neural network of 16 neurons to predict the right output based on the input in the intents.json file.

## EDUCATION

### Data Science and Engineering

#### Manipal Institute of Technology

Oct 2020 – May 2024

### CBSE XII Board

#### Delhi Public School, Ranchi

Jun 2020

### CBSE X Board

#### D.A.V Public School, Gandhi Nagar, Ranchi

May 2018

## SKILLS

**Programming Languages:** Python, C/C++, PHP

**Web Development:** HTML, CSS, Flask, FastAPI

**Databases:** MySQL

**Big Data Technologies:** Hadoop, Pig, Hive, Spark

**Machine Learning and Deep Learning:**

Sklearn, TensorFlow, Keras, OpenCV

**Text Analytics:** SAS, SAS Enterprise Miner, SAS

Text Analytics

**Tools:** Anaconda, VS Code

## CO-CURRICULAR ACTIVITIES

- Committee Member- RevelsCup, Sports Annual Cultural Festival of MIT Manipal, Revels 2023.
- Event Head - Swimming, Sports Annual Cultural Festival of MIT Manipal, Revels 2022.

## CERTIFICATIONS

- Deep Learning Specialization, Deep Learning.ai
- Introduction to Data Science, IBM
- Data Science Fundamentals with Python and SQL, IBM

## REFEREES

### Ashish Das

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✉ Innovation Cell, CMPDI HQ, Ranchi