

MD SARFRAZ ALAM

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Education

Presidency University

Bachelor of Technology in Computer Science (Data Science)

Aug. 2020 – Jul 2024

CGPA: 8.01

Deeksha

II PU (PCMC)

Jun. 2019 – Mar 2020

Percentage: 69

Ryan International School

10th (ICSE)

Jun. 2017 – Mar 2018

Percentage: 81

Experience

OLA

August 2023 – Present

AI Intern

Bengaluru

- Developed and optimized AI language models, enhancing platform capabilities for contextually relevant responses.
- Fine-tuned models for industry-specific use cases, reducing bias and errors, and deploying large-scale AI models.
- Collaborated with cross-functional teams, incorporating user feedback into platform improvements.
- Presented technical updates to senior management and contributed to patent applications and academic publications, showcasing expertise in AI and NLP.
- Research on the Falcon model and other fine tuning methods (LORA,QLORA).
- Image Scrapping from various websites using beautifulsoup

Projects

VIKBOT | *Python, NLP, React*

March 2023

- NLP ChatBot Using Sequential Model, which would answer general queries of students and Parents about presidency university

Investigating Netflix Movie | *Python, Pandas, Numpy*

February 2022

- Data Analysis to check whether the average duration of movies has been declining over the past 10 years

Kitchen Night | *HTML, CSS, PHP*

November 2022

- Hotel reservation website with login credentials using HTML for frontend, CSS for styling and PHP for Database. Hosted on 000webhostapp

Bank management system | *Java*

January 2021

- Basic banking app using JAVA, used random function to generate account number and used file management to store and read the data

Temperature and Humidity Forecast On Live Data | *Python, Arduino*

May 2023

- Using arduino DHT-11 sensor to capture live temperature and humidity and using the live data to perform Data analysis using python.

Relevant Coursework

- | | | | |
|------------------------|-----------------------|---------------------------|--------------------|
| * Machine Learning | * Computer Vision | * Artificial Intelligence | * Cloud Computing |
| * Software Methodology | * Database Management | * Deep Learning | * Operating System |

Technical Skills

Languages: Python, Java, C/C++, HTML/CSS, JavaScript, SQL, R

Developer Tools: VS Code, Eclipse, FireBase, Netlify/Vercel, jupyter notebook

Technologies/Frameworks: GitHub, React, Flask, AWS

Other Skills: NLP, Generative AI, Data Scrapping, Prompt Engineering, Fine Tuning, LLM, Speech Recognition, Excel

Leadership / Extracurricular

Analytics Attax

March 2023

National Hackathon

IIT Kanpur

- Secured 3rd position in National level hackathon Organised By IIT Kanpur.

FORGE - Data Science Club

December 2022– Present

Core Team Lead

Presidency University

National Service Scheme(NSS)

January 2021– Present

Volunteer

Presidency University