

MD SARFRAZ ALAM

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Education

Presidency University

Bachelor of Technology in Computer Science (Data Science)

Aug. 2020 – Jun 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

Krutrim

AI Intern

Feb 2024 – Present

Bengaluru

- Collaborated with the data team to ensure the quality and relevance of datasets.
- Fine-tuned models for industry-specific use cases, reducing bias and errors, and deploying large-scale AI models.
- Conducted experiments to evaluate the performance of AI models, and Developed Pipelines for Annotation of models

OLA

AI Prompt Intern

Aug 2023 – Nov 2023

Bengaluru

- Assisted in collecting, cleaning, and preprocessing data.
- Research on the various llm models (falcon, palm) and fine tuning methods (lora, qlora, peft)
- Worked on various prompting techniques to effectively design and improve prompts to get better results with LLM.

Projects

FarmBot | Python, NLP, React, JS, Flask, SpeechRecognition, Googletrans

January 2024

- The Multilingual Farmer Chatbot with audio as an output serves the agricultural community by providing real-time information, tips, and solutions related to farming practices, crop management, schemes and weather conditions.

MedVoice | Python, Mongo, JavaScript, React, Flask, SpeechRecognition, Mail/SMS API

December 2023

- MedVoice reduces the excessive usage of paper in health sector and eliminates mishandling of medical history, prescriptions by implementing electronics health record system and prescriptions via E-mail/SMS .

Investigating Netflix Movies | Python, Pandas, Numpy

February 2022

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

Relevant Coursework

- Machine Learning
- Full Stack Development
- Artificial Intelligence
- Cloud Computing
- Software Methodology
- Database Management
- Deep Learning
- Operating System

Technical Skills

Languages: Python, Java, Html/Css, JavaScript, SQL, Mongo, R

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

Technologies/Frameworks: Git, React, Flask, AWS, GCloud, Node.js

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

Leadership / Extracurricular

Analytics Attax

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

March 2023

IIT Kanpur

VisionTech Fest

National Hackathon Winner

December 2023

Visionet Systems Inc.

FORGE - Data Science Club

Core Team Lead

December 2022– Present

Presidency University

National Service Scheme(NSS)

Volunteer

January 2021– Present

Presidency University