

# 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*