

# MOHAMMED AHMED HUSSAIN

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## EDUCATION

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**Muffakham Jah College of Engineering & Technology** Hyderabad, T.S.  
BE, Artificial Intelligence & Data Science, CGPA: 7.6 2020-2024

## WORK EXPERIENCE

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**Suvidha Foundation** India (Remote)  
**Machine Learning & Fundraising Intern** May 2023 – June 2023

- Utilized Deep learning techniques to analyze and extract insights from textual data for a pointer generator network for abstractive summarization.
- Developed a project on Natural Language Processing and Deep Learning, focused on abstractive summarization of large text.
- Raised funds for education initiatives targeted towards young girls, contributing to the empowerment of underprivileged communities.
- Leveraged persuasive communication skills to engage potential donors and effectively convey the organization's mission and impact.

## VOLUNTEER EXPERIENCE

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**Microsoft Learn Student Ambassador** January 2022 – Present  
Learn Student Ambassadors are a global group of campus leaders who are eager to help fellow students, create robust tech communities and develop technical and career skills for the future. ([Certificate](#))

## LEADERSHIP EXPERIENCE

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**IEEE Systems, Man, and Cybernetics Society - MJCET** Hyderabad, T.S.  
**Tech Head** August 2023 – Present

- Organizing and supervising tech-related workshops, seminars, and events, fostering skill development and knowledge sharing.
- Leading the implementation of innovative technical projects, showcasing problem-solving skills and creativity.
- Collaborating with other student leaders to plan and execute cross-functional initiatives, enhancing the overall chapter experience.

## SKILLS & INTERESTS

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**Technical:** Python, R, SQL, C, HTML5, CSS, SCSS, JavaScript, Flask, Data Science, Machine Learning, Artificial Intelligence, Deep Learning, Natural Language Processing, Computer Vision, Front-end Development, Canva, Adobe Illustrator, Microsoft PowerPoint, Microsoft Azure, Generative AI, GANs.

**Interests:** Drawing/Sketching, Writing, Poetry, Literature, Photography, Football, Film making.

## CERTIFICATIONS

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**Artificial Intelligence Virtual Experience Program** | Cognizant June 2023  
**Data Science Virtual Experience Program** | British Airways June 2023  
**Learn Flask, A web Development Framework of Python** | Udemy April 2023

## PUBLICATIONS

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**Novel Implementation of TEXT2IMAGE** | IJATCSE Journal Volume 12, No. 2 April 2023

## PROJECTS

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- Chat GPT Clone** – A Chat GPT clone app built with Streamlit with a summarization feature.
- Push Up Counter** – A program using MediaPipe and OpenCV to count the number of Push Ups done.
- Abstractive Text Summarizer** – A Pointer Generator Network that performs abstractive summarization on large text by generating new vocabulary.
- Text2Image** – A diffusion model with a UI that generates images from text prompt.
- SnakeAI** – A Neural Networks using PyTorch to train the Snake to achieve maximum score in the game.