

# Adeel Ahmed

## AI Intern

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**LinkedIn | Github**

## Objective

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To obtain a challenging AI position in a dynamic and innovative organization where I can use my technical and analytical skills.

## Experience

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### Retrieval-Augmented Generation (RAG) System | LangChain

[GitHub Link](#)

- RAG using LangChain to retrieve & generate answers from CSV, JSON, PDF and web content.
- Used FAISS and HuggingFace for document chunking, embeddings, and vector search.
- Integrated Groq's LLaMA-3 model for generating concise, context-aware responses.
- Enabled vector store & designed custom prompts for fast, scalable, and concise user responses.

### Brain Tumor Detection Using CNN

[GitHub Link](#)

- Built a CNN model to detect brain tumors from MRI images.
- Preprocessed images using normalization and augmentation.
- Achieved good accuracy in tumor classification.

## Education

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### INSTITUTE OF SPACE TECHNOLOGY (KICSIT SUB CAMPUS , KAHUTA) , BSCS

2023-2027

Major : Computer Science

### MILITARY COLLEGE MURREE , MARTIC & FSC

2020 & 2022

Major : Computer Science | Minor : Mathematics

## Skills

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|----------|-----------|--------------------|-----------------|
| • RAG    | • Fastapi | • Machine Learning | • Deep learning |
| • Python | • C++     | • HTML             | • Tailwind CSS  |
| • CSS    |           |                    |                 |

## Abilities

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|--------------|-------------------|-----------------|--------------|
| • Management | • Problem solving | • Communication | • Leadership |
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