

Muhammad Umar

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Career Objective

Motivated Computer Science student passionate about Artificial Intelligence and Web Development. Eager to apply analytical thinking and technical expertise to develop intelligent, real-world healthcare and automation solutions.

Education

Passionate about applying Artificial Intelligence to solve healthcare challenges. Seeking opportunities to merge machine learning, web development, and medical insight to create efficient, human-centered solutions.

GPA: 3.72 / 4.00

Skills

- Programming Languages: Python, JavaScript, C++
- Web Development: HTML, CSS, React, Node.js
- AI/ML Tools: TensorFlow, scikit-learn, LangChain
- Databases: MySQL, MongoDB
- Version Control: Git, GitHub
- Problem Solving & Research
- Communication & Team Collaboration

Experience / Internships

AI & Web Development Intern, Genesis Labs, Islamabad (June 2024 – August 2024)

- Assisted in developing a document summarization system using Retrieval-Augmented Generation (RAG)
- Built and optimized front-end interfaces using React and integrated APIs for data visualization

Projects / Research

1. CrisisSem – Earthquake Disaster Simulation (2025)
 - Designed an agentic AI simulation with autonomous coordination among rescue agents using Python and LLM reasoning.
2. DocuMind – Document Summarization using RAG (2024)
 - Built an end-to-end document retrieval and summarization app using vector databases and open-source LLMs.

Achievements / Extracurricular Activities

- Dean's Honor List — 2023, 2024
- Finalist, FAST AI Hackathon — 2024
- Member, FAST AI & Web Development Society — 2023–Present
- Volunteer, Community Health Awareness Drive — 2024

References

Available upon request.