

# Muhammad Azhar

[+923216567827](tel:+923216567827) | [md.azhar4623@gmail.com](mailto:md.azhar4623@gmail.com) | [LinkedIn](#) | [GitHub](#)

## Summary

**1+ Year as Python and AI/ML Developer** specializing in **Natural Language Processing (NLP)**, **Large Language Models (LLMs)**, and **Generative AI**. Hands-on expertise in developing and **fine-tuning LLMs (Deepseek, LLaMA)**, deploying models using **Hugging Face** and **PyTorch**, and implementing computer vision solutions. I am passionate about building **Agentic and Creative AI Systems** for real-world automation. I am skilled in Python, MLOps, and cloud deployment on GCP.

## Education

### Bachelor of Science in Computer Science

COMSATS University of Islamabad (CUI), Pakistan

July 2021 - Oct 2024

## Experience

- **Projects (2024 - Present)**

**Emodify:** Web-based content recommendation using tensorflow (FYP)

**Emotion Classification:** Using Yollo

**Text-to-Video:** Finetune & Deploy text-to-video model (Hugging Face)

**Interview Analyzer:** Agentic AI Web App to score Interview using DeepSeek

**Email-Assistant:** Auto Reply meeting Schedule using Langchain

**Finetuned:** Llama3 on custom dataset with Unsloth

**Docs Analyzer:** Analyze Docs using OpenAI Api

**Text-Summarizer:** using Transformer

**Titanic Survival Prediction:** Model Creation & Prediction

**Ask PDF:** RAG Implementation

- **Data Annotation Engineer, Crecentech Systems - Lahore, Onsite (Dec 2024 – Present)**

**Data Extraction:** Extracted Data

**Data Mining:** Data Preparation and Cleaning to Make sure Data Efficiency.

**Data Analyses:** Analyzing Data making it insightful and usable

- **Data Extraction & Mining Engineer (Intern), Infinity Warriors - Lahore, Onsite (Oct 2024 - Dec 2024)**

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- **Web Scraper, Automation (March 2023 -Present)**

LinkedIn, Google Maps, White Pages, YouTube, Amazon/Walmart

## Technical Skills

**Languages:** Python, C++, Bash

**Libraries:** Scikit-Learn, PyTorch Fundamentals, Selenium, Playwright, Transformers, BeautifulSoup, Crew AI, HuggingFace, Ollama, Langchain, Vector DB, ,

**Others:** FastAPI Fundamentals, GCP, Web Scraping, SQL, Google Colab, OpeAI, DeepSeek, Groq, OpenRouter, Gemini, Meta Llama,