

Kashif Ullah

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EDUCATION

BSCS Artificial Intelligence

Abdul Wali Khan University Mardan — (2022-2026)

F.sc Computer Science

Govt Degree College Bakhshali, Mardan — (2019-2022)

Metric Science

The Muslim School Gujrat Mardan — (2017-2019)

TECHNICAL SKILLS

Languages: Python

Data Science Frameworks: Pandas, NumPy, Matplotlib, Seaborn

Machine Learning & Deep Learning Frameworks: Scikit-Learn, TensorFlow, LangChain, LangGraph, NLTK, Spacy

GUI Frameworks: Streamlit, Tkinter

Databases: MySQL, MongoDB

Tools & Platforms: FastAPI, Git/GitHub, UV, AWS EC2, AWS Lambda, VS Code, Jupyter-Notebook, Docker, Ubuntu, Conda, Claude Code, Cursor, Lovable

PROJECTS

AI Agent CV Builder

Technologies: Python, FastAPI, LangChain, LangGraph

Developed an intelligent CV generation system powered by AI agents that dynamically creates professional resumes based on user input. The system automatically structures and formats data into a CV while providing a real-time preview that updates instantly as the user modifies inputs.

AI Data Extractor from Images and PDFs

Technologies: Python, Tesseract OCR, LangChain, FastAPI

Built an AI-driven data extraction tool that allows users to upload images or PDF documents and specify desired fields. The system accurately extracts and returns structured data based on user-defined requirements, improving efficiency in document processing.

AI Video Code Extractor

Technologies: Python, LangChain, Gemini API, Tesseract OCR, OpenCV, Streamlit

Designed a system that automatically extracts programming code from video content using advanced video processing and text recognition techniques. Enables developers to retrieve code snippets directly from tutorials and recorded sessions.

AI Chatbot Terminal

Technologies: Python, LangChain, Gemini API, Flet, Streamlit

Developed a desktop application that converts natural language instructions into executable terminal commands. The system interprets user intent and safely executes corresponding shell commands, simplifying command-line interactions.

AI Text Detection System

Technologies: Python, Pandas, Matplotlib, Seaborn, NLTK, Scikit-learn, Streamlit

Created a machine learning-based application to classify text as human-written or AI-generated. Utilized natural language processing techniques and trained models to achieve reliable detection performance.

AI Document Intelligence System

Technologies: Python, FastAPI, LangChain, PDF Processing Tools

Implemented an AI-powered document analysis platform that processes PDF files to generate summaries, extract key insights, and provide translation features, enhancing document understanding and accessibility.

Weather Forecasting Application

Technologies: Python, Tkinter, OpenWeatherMap API

Developed a user-friendly desktop application that provides real-time weather updates based on user-selected locations, featuring an intuitive interface and accurate forecasting data.

CERTIFICATIONS & Participation

- Diploma in Information Technology — TTB (2021)
- Certificate in IT (Web Graphics & Mobile App Development) — NAVTTC (2022)
- AI for Everyone — Coursera (2023)
- Machine Learning, AI & Data Science — eHunar (2024)
- Google Advanced Data Analytics Certificate — Coursera (2024)
- Foundations of Generative AI — Udacity (2025)
- Generative AI Application Developer Certificate — Ideagist (2025)

Participation:

- NeoHacks Hackathon — GIKI (2025)
- Runner-Up in ByteSprint Speed Coding Competition — AWKUM (2025)

HOBBIES

- Exploring new AI and machine learning technologies.
- Building small web and data-driven projects.
- Reading tech blogs and research articles.
- Problem-solving on coding platforms.

LANGUAGES

English

Urdu

Pashto