

MUHAMMAD ARIF ANEES

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Profile Summary

I'm an AI developer in training with a passion for building smart, real-world solutions using Python and machine learning. I enjoy creating intelligent systems that simplify daily tasks and improve user experience. Always curious, always learning — I'm driven to turn ideas into working technology.

SKILLS & EXPERTISE

Languages:	Python, java , C/C++ , HTML,Css
Frameworks:	Django,Flask,FastAPI.
Python Libraries:	NumPy , Pandas , Matplotlib , OS , sys , datetime , Scikit-Learn , pandas , numpy , seaborn, tensorflow , nltk , PIL , plotly , customtkinter , tkinter , textblob, json.
Softwares:	Jupyter Notebook, Anaconda, PyCharm, Netbeans, Visual Studio Code.
Databases:	MySQL.

EDUCATION

Bachelor of [ARTIFICIAL INTELLEGEENCE]

DHA Suffa University | 2023-2027

Intermediate (ICs)

Cadet College Jhang | Year: [2023]

Matriculation (Science Group)

The Educators School Project of Beaconhouse | Year: [2020]

Relevant Coursework: Artificial Intelligence, Machine Learning, Database Systems, Information Security, Computer Networks, Data Structures & Algorithms, Assembly Language.

RESEARCH EXPERIENCE

- **Quiz and Attendance Management System using Java** [\[CODE\]](#)
DHA Suffa University | [JANUARY, 2025] – [APRIL, 2025]
 - Built a Java application that lets teachers manage quizzes and student attendance with secure logins and course selection.
 - Used OOP and file handling to store quiz data, scores, and records efficiently using Java Collections.
- **Website Development for ISP Project** [\[CODE FILE\]](#)
DHA Suffa University | [DECEMBER, 2024] – [JANUARY, 2025]
 - Designed a responsive website using HTML, CSS, and JavaScript to support ISP services with a clean, user-friendly layout.
 - Added interactive features using JavaScript to enhance navigation and improve overall user experience.
- **Weather Prediction and Analysis Tool** [\[CODE\]](#)
DHA Suffa University | [MARCH, 2025] – [APRIL, 2025]
 - Created a Python GUI app with Tkinter to predict weather conditions using linear regression on temperature data.
 - Included visual charts with Matplotlib, search functionality, and error handling for an intuitive and accurate user experience.

CORPORATE EXPERIENCE

Family Internet Business

Karachi, PK

Managed business operations including client projects, account management, office administration, and technical support to enhance service quality and client satisfaction.

- Supported internet service infrastructure, marketing designs, and local market handling to ensure seamless connectivity and effective client communication.

SELECTED PROJECTS

- **Chatbot Development using Python** [[CODE](#)]
DHA Suffa University | [MARCH, 2025] – [APRIL, 2024]
- Developed a Python-based chatbot with NLP and machine learning integration for accurate, user-friendly interactions.
- Conducted testing and fine-tuning to optimize performance and handle diverse queries effectively.

INTERNATIONAL HACKATHONS

- o **CALICO Spring'25** – UC Berkeley [[LINK](#)]
- o **CS50x Hackathon** – Harvard University [[LINK](#)]
- o **Global AI Hackathon 2025** – MIT RAISE [[LINK](#)]

SEMINARS AND WORKSHOPS

ICISCT 2025 – International Conference on Innovation in Science, Computing & Technology [[Participant](#)]
DHA Suffa University & University of Karachi | April 2025

- Attended sessions on Artificial Intelligence (AI), Machine Learning (ML), and Artificial Neural Networks (ANN).
- Engaged with industry experts on innovation, tech leadership, and future trends in computing.

THESIS

Design and Development of a Voice-Activated AI Personal Assistant Inspired by JARVIS

Description:

Created a smart AI assistant inspired by JARVIS that understands voice commands and handles real-time tasks like reminders, schedules, and IoT control. It uses speech recognition, text-to-speech, and learns from user habits to get smarter over time. Designed to boost daily productivity with natural, hands-free interaction.

Tools & Technologies:

Python, SpeechRecognition, Pyttsx3, OpenAI GPT APIs, Home Assistant (IoT), Natural Language Processing (NLP), Machine Learning (scikit-learn), APIs integration.

ACHIEVEMENTS & AWARDS

- **CS50x Puzzle Day:** Awarded for successfully solving 9 out of 9 puzzles as part of a team during the CS50x Puzzle Day 2025.
Certification by: Harvard University. [[Certificate](#)]
- **Completion of "The Hour of Code":**
Awarded a Certificate of Completion for successfully finishing "The Hour of Code" program. [[Certificate](#)]
Demonstrated a solid understanding of the fundamental concepts of Computer Science through interactive coding exercises.

