



Musharraf Hussain

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ABOUT ME

I am Musharraf Hussain, a dedicated and detail-oriented BS Computer Science student with strong expertise in **Flask, Oracle, HTML, CSS, JavaScript, and C++**. I enjoy building dynamic and responsive web applications, managing databases efficiently, and writing clean, maintainable code. Alongside programming, I have a creative edge in design and multimedia, which allows me to craft user-friendly and visually appealing digital solutions. I am eager to leverage my technical and creative skills to contribute to innovative projects and continuously grow in the technology field.

WORK EXPERIENCE

 **MUSHARRAF HUSSAIN** – KARACHI, PAKISTAN

WEB DEVELOPERS – 01/01/2025 – 01/02/2025

- Developing and optimizing responsive web interfaces.
- Collaborating with the team to improve user experience and design.

EDUCATION AND TRAINING

01/07/2023 – CURRENT Karachi, Pakistan

BS COMPUTER SCIENCE Federal Urdu University of Arts, Science and Technology, Karachi

Coursework includes:

- Artificial Intelligence.
- Data Science.
- Machine Learning.
- Web Development.
- Programming Fundamentals with C++.
- Oracle SQL.
- Data Structure & Algorithm (DSA).
- Designing & Analysis of Algorithms (DAA).
- Digital Logic Design (DLD).
- Theory of Automata.
- Object-Oriented Programs (OOPs).
- Computer Networks.
- Operating System(OS).
- Calculus, Lenear Algebra.
- Statistic & Probability.

Website <https://www.fuuast.edu.pk> | **Field of study** Computer Science | **Final grade** CGPA: 3.2

LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	A2	A2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● SKILLS

Front-End Development

HTML5, CSS3, JavaScript (ES6+) | React.js, Bootstrap, Tailwind CSS (in progress) | Adobe illustrator | Adobe Photoshop

Backend Development

Python Flask | Python (Django in progress) | Node JS(in progress) | FastAPI (in progress) | Database Management (MySQL in progress, Oracle, PostgreSQL in progress, MongoDB in progress)

Mobile App Development

Flutter (in progress) | Dart (in progress)

Programming Languages

C++ | Python | HTML | CSS | JavaScript (in progress) | SQL | Tools: Git, GitHub, VS Code

● PROJECTS

25/07/2005 – 05/07/2025
Text to Voice Speech

- Text-to-Voice Web App (Python + Flask)
- Developed a web-based tool to convert typed text into voice.
 - Integrated translation and audio playback features.
- Portfolio Website
- Designed and coded a responsive personal portfolio to showcase skills and projects.

Link <https://mushoo.pythonanywhere.com/>

14/07/2025 – CURRENT
AI Chatbot

Developing an AI-powered chatbot where users can input text and receive intelligent, real-time responses. The project leverages **Groq AI** for fast and efficient natural language processing. Currently focused on enhancing the chatbot’s conversational abilities, response accuracy, and overall user experience.

06/07/2025 – CURRENT
Voice Cloning

Voice Cloning Application

Developing a voice cloning system that records and analyzes a user’s voice to create a unique voice profile. Once trained, the system can convert any typed text into speech that closely mimics the user’s own voice, enabling personalized and natural-sounding audio output.

● CERTIFICATIONS

01/09/2024 – 24/12/2024
Introduction to Python – Coursera Offered by University of Pennsylvania

- We learn about:
- Identify core aspects of programming and features of the Python language
 - Understand and apply core programming concepts like data structures, conditionals, loops, variables, and functions

- Use different tools for writing and running Python code
- Design and write fully-functional Python programs using commonly used data structures, custom functions, and reading and writing to files

Link <https://coursera.org/share/fb29f98fe0e08521a2c545b4d601db6b>

01/02/2025 – 20/06/2025

Introduction to JavaScript – Coursera Offered by Meta

We learn about:

- Creating simple JavaScript codes.
- Creating and manipulating objects and arrays.
- Writing unit tests using Jest

Link <https://coursera.org/share/4e03eea91ce4bfade36ab6267bf2b8d5>

01/12/2024 – 21/02/2025

Front-End Web Development – Coursera Offered by Meta

We learn about:

- Distinguish between front-end, back-end, and full-stack developers.
- Create and style a webpage with HTML and CSS.
- The benefits of working with UI frameworks.

Link <https://coursera.org/share/4e03eea91ce4bfade36ab6267bf2b8d5>