Najaf Abbas

Nationality: Pakistani | **Phone:** (+92) 03414770445 (Mobile) | **Email:**

mrnajafabbas396@gmail.com | **LinkedIn:** www.linkedin.com/in/najaf-abbas-jafree |

Phone:: 03414770445 | **Address:** Islamabad, Pakistan (Home)

ABOUT MYSELF

I am Najaf Abbas, a Computer Engineering graduate from COMSATS University Islamabad, Attock Campus. I possess strong skills in programming languages such as Python, C, and C++, and have specialized in web development with expertise in HTML, CSS, JavaScript, and React. Additionally, I am proficient in Microsoft Office, including Word, PowerPoint, and Excel. My passion for technology is reflected in my final year project on the optimization of LiFi technology in hospitals, and it drives me to continuously enhance my skills in programming and web design, enabling me to create interactive and user-friendly web applications.

WORK EXPERIENCE

10/06/2023 – 15/08/2024
MACHINE LEARNING SELF EMPLYED

Developing and Training Models: Building machine learning models using Python and libraries like TensorFlow, Keras, and Scikit-learn to solve specific problems.
Data Preprocessing: Cleaning, organizing, and preparing data for model training to ensure accuracy and reliability.

Attock, Pakistan
EDUCATION BS COMPUTER ENGINEERING

COMSATS Institute of Information Technology, Attock
I have completed a BS in Computer Engineering from COMSATS Institute of Information Technology. My coursework provided a solid foundation in software development, hardware design, and embedded systems. I also gained hands-on experience in programming, data structures, and digital systems through various projects and labs.

10/09/2021 – 15/08/2024
WEB DEVELOPER SELF-EMPLOYED

I have hands-on experience in front-end web development, with a strong command of HTML, CSS, JavaScript, and React. My expertise includes creating responsive and interactive websites using frameworks like Bootstrap to ensure a seamless user experience. I have developed several projects, including dynamic web applications and interactive user interfaces, leveraging my skills to deliver high-quality and efficient solutions.

DIGITAL SKILLS

MySQL | Python | DataBase | MS Office(MS Word,MS Powerpoint,MS Excel,MS) | Libraries (Numpy, Pandas, Matplotlib) | HTML | CSS | JS | React | Bootstrap | Networking

CERTIFICATIONS

13/06/2024 – 18/07/2024
Introduction to python

Introduction to Python-DataCamp

18/06/2024 – 22/07/2024
Intermediate Python

Intermediate to Python-DataCamp

10/06/2024 – 22/07/2024
Introduction to R

Introduction to R-DataCamp

04/06/2024 – 17/07/2024
Introduction to SQL

Introduction to SQL-DataCamp

- ## PROJECTS

15/08/2023 – 25/08/2024
Projects

FYP: For my final year project, I focused on optimizing LiFi (Light Fidelity) technology in hospital environments. The project aimed to enhance the data transmission speed and reliability of LiFi systems while ensuring compatibility with hospital infrastructure and safety regulations. I conducted a thorough analysis of current LiFi technology, identifying key areas for improvement and developing algorithms to reduce interference and maximize data transfer rates. Through simulations and real-world testing, I was able to demonstrate the effectiveness of these optimizations, achieving notable improvements in network performance. This project not only deepened my understanding of advanced communication technologies but also showcased my ability to apply theoretical knowledge to practical, real-world challenges.