



# Habib Ullah

**Date of birth:** 25/03/2000 | **Nationality:** Pakistani | **Gender:** Male |

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## ABOUT ME

I am a Senior Data Scientist, Machine Learning, and AI Engineer based in Peshawar, Pakistan, with a strong foundation in Computer Science and a Master's degree in the same field. In my current role at EncoderBytes Pvt Ltd, I specialize in the complete data analysis process, encompassing preprocessing, analysis, cleaning, and visualization, using Python and tools like Power BI. Working with UK clients has afforded me invaluable experience in AI, Python, Data Science, Data Analysis, and Machine Learning. My passion for STEM education and AI drives me as a STEM Education Instructor, where I collaborate with academia and decision-makers to create inclusive and engaging learning environments, using data-driven insights, cutting-edge technology, and AI to bridge gaps and empower students from all backgrounds. With a firm commitment to data-driven insights and AI advancements, I'm enthusiastic about making a meaningful impact in the area of data science and machine learning and Artificial Intelligence.

## WORK EXPERIENCE

01/09/2022 – CURRENT Peshawar, Pakistan

**SENIOR DATA SCIENTIST AND MACHINE LEARNING ENGINEER** ENCODERBYTES PVT LTD.

Working as an Intermediate Data Scientist and Machine Learning engineer my responsibility was to collect, Pre-Process, Analysis of data, clean, and visualize data using Python Programming Language and Business intelligence tools like Power BI, also working with UK clients since 1 year of Encoderbytes.

01/03/2023 – CURRENT Peshawar, Pakistan

**COURSE INSTRUCTOR** TEACHRICA (PVT) LTD.

My activities are to teach students the educational courses and working on stem educational courses also.

01/12/2022 – CURRENT Peshawar, Pakistan

**MENTOR** ENCODERBYTES PVT LTD.

My responsibility as Mentor is to provide the Mentorship to incubities at a project of Encoderbytes "EB Learning" as well as Encoderbytes.

04/09/2022 – CURRENT Peshawar, Pakistan

**STEM EDUCATION INSTRUCTOR** ENCODERBYTES PVT LTD.

The chance to work with academics, researchers, and decision-makers to create creative fixes that improve STEM education excites me. I want to close the gaps in STEM education and give students from all backgrounds the tools they need to pursue their interests in science, technology, engineering, and maths. To do this, I'll be using data-driven insights, cutting-edge technologies, and creating inclusive and stimulating learning environments.

04/09/2022 – CURRENT Peshawar, Pakistan

**TRAINER** EB LEARNING LAB

Trainer at EB Learning Lab

01/09/2022 – CURRENT Peshawar, Pakistan

**STEM EDUCATION INSTRUCTOR EB LEARNING LAB**

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The chance to work with academics, researchers, and decision-makers to create creative fixes that improve STEM education excites me. I want to close the gaps in STEM education and give students from all backgrounds the tools they need to pursue their interests in science, technology, engineering, and maths. To do this, I'll be using data-driven insights, cutting-edge technologies, and creating inclusive and stimulating learning environments.

01/12/2022 – 31/03/2023 Peshawar, Pakistan

**INTERMEDIATE DATA SCIENTIST AND MACHINE LEARNING ENGINEER ENCODERBYTES PVT LTD.**

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Working as Intermediate Data Scientist and Machine Learning engineer my responsibility was to collect, Pre-Process, Analysis of data, cleaning and visualizing of data using Python Programming Language and Business intelligence tools like Power Bi.

02/01/2022 – 02/09/2022 Peshawar, Pakistan

**JUNIOR DATA SCIENTIST AND MACHINE LEARNING ENGINEER DEVIQO SOFTWARE OPTIONS (PVT) LTD.**

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My responsibilities and activities were to make Machine learning modes based applications and pre-processing, analysis, Cleaning and Training, testing and deploying a Model.

02/01/2022 – 26/09/2022 Peshawar

**MENTOR DEVIQO SOFTWARE OPTIONS (PVT) LTD.**

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to teach students and provide mentorship

02/12/2022 – CURRENT Peshawar, Pakistan

**UK CLIENTS EXPERIENCE ENCODERBYTES PVT LTD.**

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Working with UK clients remotely on STEM education teaching AI, Python, Data Science, Data Analysis, and Machine Learning.

09/11/2023 – 16/11/2023 Peshawar, Pakistan

**ASSESSOR NAVTTC**

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Worked as an assessor at NAVTTC Prime Minister Courses of Blockchain, AI, and Data Science.

## ● EDUCATION AND TRAINING

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04/04/2015 – 07/05/2017 Peshawar, Pakistan

**FSC(PRE ENGINEERING) ICMS**

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**Address** Board bazar opposite to BRT board stop, 25000, Peshawar, Pakistan

04/09/2018 – 21/08/2022 Peshawar, Pakistan

**BACHELOR OF COMPUTER SCIENCE** Institute of Management Sciences (IMSciences)

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**Address** Phase 7 Hayatabad Peshawar- , 25000, Peshawar, Pakistan

01/03/2022 – 06/09/2022 Peshawar, Pakistan

**ARTIFICIAL INTELLIGENCE (MACHINE LEARNING; DEEP LEARNING) NAVTTC**

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**Address** shaykh Zayed Islamic Centre University of peshawar, 25000, Peshawar, Pakistan

01/09/2022 – 11/2024 Peshawar, Pakistan

**MSCS** Qurtaba Institute of Information and Technology

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**Address** Hayatabad Phase 3 Peshawar, 25000, Peshawar, Pakistan

## ● LANGUAGE SKILLS

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Mother tongue(s): **PASHTO**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>URDU</b>	C2	C2	C2	C2	C2
<b>ENGLISH</b>	C2	C2	C2	C2	C2

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

## ● DIGITAL SKILLS

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linguaggi di programmazione Python | Microsoft Office | Written and Verbal skills | Microsoft Excel | Creativity | Microsoft Word | Microsoft Powerpoint | Google Drive | Google Docs | Good listener and communicator | Team-work oriented | Critical thinking | Decision-making | Reliability | Skype | Motivated | Digital Skills: Digital Marketing | Data Science | Data Collection, Data Processing, Data Analysis, Data Visualisation | Data Gathering / Data Processing / Data Visualization / Data Analysis | Power BI Power App | Machine Learning | Python Specialization Course (certificated by Coursera) | DATA SCIENCE | Wordpress Developer | Responsibility | Analytical skills | STEM Education | STEM Skills | STEM instructor | Internet and Social Media (Gmail, LinkedIn, Instagram, Facebook, YouTube, WhatsApp, Pinterest)

## ● ADDITIONAL INFORMATION

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### PROJECTS

01/09/2018 – 17/02/2019

**IOT based Automatic Umbrella** The tools and technologies we had used were Arduino Uno, Temperature Sensor, Water Sensor and LEDs.

the sensors were sensing the temperature and water if it increase then certain threshold it will ON/Off with out the human interaction.

02/09/2019 – 08/03/2020

**Color Detection in Images and videos using Image Processing** The programming language that i used was Python and it's libraries like numpy, pandas,scipy,scikit learn Matplotlib.

The algorithm of deep learning that i have used is CNN.

01/08/2021 – 18/08/2022

**AI and IOT based Floor Cleaning Robot** This was my final year project of BCS degree in which used the chasie of car which i built from wood and the sensors like obstacle avoiding, line tracking, ultrasonic sensors. The Microcontroller that we have used was Arduino Uno to control the robot and to pas the call to action to motor shield to turn the wheels in which direction and its basic purpose was to built cost efficient floor cleaning robot that can be affordable and will clean our houses, offices and hospitals ,the main reason to select this project was the covid 19 and there was need of robots to go places and can help the humans and make the cleaning process effective and to save the time and money both.

03/05/2022 – 04/05/2022

**Heart ECG Model** This heart ECG model was trained on the available ECG dataset.

the tools we used were Python, numpy, pandas, matplotlib, seaborn,scipy,scikit-learn,jupyter notebook, google colab and the accuracy of the model was 96%.

04/05/2022 – 07/05/2022

**Titanic Dataset Analysis** In this titanic dataset that i picked from kaggle, i performed the exploratory data analysis, data cleaning, removing outliers, visualizing and get the insightful informations from that dataset. The tools we have used are Python, Numpy, Pandas, Matplotlib, Seaborn, Scipy, Scikit learn, Jupyter, google colab.

08/05/2022 – 10/05/2022

**MNIST Dataset** Tools & Technologies - Python, Numpy, Pandas, Matplotlib, Seaborn, Scipy, Scikit learn, warnings and standard scaler, Jupyter , Colab. Data – IMDB dataset

10/05/2022 – 12/05/2022

**Custom Image with svm random forest Decision tree KNN** Tools and Technologies:- Python, Numpy, Pandas, Matplotlib, Seaborn, globe, OS, CV2, SVM, Random forest 10)

13/05/2022 – 16/05/2022

**Chest X-ray classification for pneumonia detection** Tools & Technologies - Python, Numpy, pandas, matplotlib, Seaborn, scipy, scikit learn, CNN, Tensorflow, Google Colab, Jupyter, Spyder Data -Chest X ray Dataset

## **VOLUNTEERING**

12/11/2021 – 15/02/2022 Institute of Management Sciences (IMSciences) Hayatabad Phase 7 Peshawar

**Data Handling** My responsibility was to collect the data from registration forms and make Qr codes for the participants, Organizers and Sponsors on the entrance slip and to collect the scan data and making a website for it to monitor the sale of the students and on basis of that the position holders were announced.

19/10/2019 – 21/02/2020 IMSciences Peshawar

**Social Media Marketing** We were doing a social media marketing of Peshawar T10 League, Hunor, Electronic gaming event on the different social media platforms like Facebook, Instagram and Twitter.

19/10/2019 – 21/02/2020 IMSciences Peshawar

**Organizer at BFest22**

## **OTHER PROJECTS**

2022 – 2022

**MNIST\_digit\_class using KNN and SVM**

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2022 – 2022

**MeenaBoutiquee.com**

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Ecommerce Wordpress website for client who sells Afghani Traditional Dresses, Waistcoats and Jewellery and do shipping Worldwide.

**Link** <https://meenaboutiquee.com/>

2022 – 2022

**Tahirani wordpress ecommerce website**

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Another ecommerce website whose link is <https://tahirani.com/> they sell all type of products.

**Link** <https://tahirani.com/>

**ArkLaboratories.com**

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another ecommerce website whose link is <https://ArkLaboratories.com> they sell and manufacture the health care all type of products.

**Link** [ArkLaboratories.com](https://ArkLaboratories.com)

01/01/2023 – 01/02/2023

**Data Analysis on Daiabetic and non-daiabetic patients dataset**

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Data Analysis on Daiabetic and non-daiabetic patients dataset and also check the Autocorrelation among there different features.

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