



SHEHZAD AHMED

Date of birth: 09/06/1992 | **Nationality:** Pakistani | **Phone number:**

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About me:

Artificial Intelligence Engineer with 3+ years of experience in application design, development, testing, and deployment. Highly experienced in writing codes and algorithms as well as building complex neural networks through various programming languages. Possess an unbridled passion for Artificial intelligence with comprehensive knowledge of machine Learning and Data Science concepts and other related technologies. Unmatched abilities to identify, understand and translate program requirements into sustainable, advanced technical solutions through Python, and other programs for continuous improvement of AI technologies

WORK EXPERIENCE

01/04/2021 – CURRENT Karachi, Pakistan

ARTIFICIAL INTELLIGENCE ENGINEER LEVEL 3 BACK OFFICE SERVICES (LEVEL3BOS) FORMERLY ZARA MOBILITY SERVICES

Working on retail store People traffic counter using Pytorch,
Working on AI based surveillance Management system Face Recognition system Using Tensorflow.
Working on Descriptive, Prescriptive, Predictive analysis method for store sales forecasting and Data Visualization Data pre-processing using pandas and Excel.
Data Visualization and forecasting using Tableau Desktop.
working on Chat bot using NLP model.
AI model selection, training, building,
working on image template matching using Open-CV.
working on Chat-bot using open source Rasa and Custom Chat-bot

15/02/2021 – 01/03/2022 Karachi, Pakistan

MACHINE LEARNING \ COMPUTER VISION ENGINEER QBS.CO (PART TIME)

Develop, debug and maintain ML and AI applications written in Python ecosystem, Scikit-Learn, Tensorflow, Keras, Pytorch.
Design ML and Deep AI Models for different types of data (I-e images classified as multiple case scenarios, etc.) and different output types.
Create stream learning models for forecasting, prediction, classification, anomaly detection, etc.
Solving complex problems with multi-layered data sets, as well as optimizing existing machine learning libraries and frameworks.
Working on object detection using yoloV5.
working on Documents automation and text extraction using EasyOCR and create custom OCR model.
working on Image classification using Deep Learning Architecture.
working on sentiments analysis using NLP

01/06/2019 – 31/01/2021 Karachi, Australia

AI RESEARCHER/DS/ML ENGINEER CONFIDENTIAL (REMOTE BASE PART TIME)

Annotate and label Image data using LabelImg, Roboflow_Ai, supervisely tool.
implement annotation procedures to achieve consistent annotation.
Report and document issues with annotation tools and processes.
send feedback for efficient labeling and to improve data quality.

Conduct linguistic analysis of annotation edge cases.

Actively contribute to the continuous learning mindset of the organization by bringing in new ideas and perspectives that stretch the thinking of the group.

Data collection, preprocessing and analysis. Building models to address business problems. Presenting information using data visualization techniques.

Analyze large amounts of raw information to find patterns that will help improve for company. Build data products to extract valuable business insights using Data Science .

Build predictive models and machine-learning algorithms. Combine models through ensemble modeling.

Present information using data visualization techniques. Propose solutions and strategies to business challenges. Collaborate with engineering and product development teams.

Solving object detection and Image classification problem using yolov3, yolov5 pytorch and Tensorflow.

06/01/2017 – 14/02/2021 karachi, Pakistan

SAP MASTER DATA OFFICER INTERNATIONAL TEXTILE LIMITED

Hands-on experience in SAP Lumira BI dashboard design,

Responsible for development of data visualizations, including dashboards and reports.

Provide engagement execution / support in areas of: data management, data extraction, data analysis, advanced analytics, and reporting.

Work with large data sets within a variety of tools to include, but not limited to: Excel, Access (VBA), SQL and/SAP.

Manage all master data related queries from business Unit.

Coordinate with SAP consultants to ensure smooth system activities.

Monitor all system activities of PP and representative of SAP PP activities to Finance.

Effectively & timely generate BOM by strong & approval of management for timely dispatching of stock.

Create/ Change all new/ existing materials in SAP and update Materials with all aspects.

● **EDUCATION AND TRAINING**

01/09/2015 – 31/08/2019 Islamabad, Pakistan

BACHELOR OF COMPUTER SCIENCE (3.5/4.0 GPA) Preston University

Address Main Campus 15, Shahrah-e-Faisal Rd, Bangalore Town Darwaish Colony, Islamabad Capital Territory , Islamabad, Pakistan

Website <http://www.preston.edu.pk/>

01/04/2019 – 31/08/2021 karachi, Pakistan

DIPLOMA IN ARTIFICIAL INTELLIGENCE AND CLOUD COMPUTING Presidential Initiative for Artificial Intelligence & Computing (PIAIC) .

| Deep Learning |, | Machine Learning |, | Computer Vision |, | Numpy |, | Pandas |

Address Plot 245/2 M, Block 6 PECHS,, Karachi, Sindh, karachi, Pakistan |

Website <https://certification.piaic.org/AIC006879/> | **Field of study** Dee

16/03/2022

PYTHON PROGRAMMING OpenEDG Python Institute (Cisco Networking academy)

Website <https://www.netacad.com/courses/programming/pcap-programming-essentials-python>

01/03/2020 – 25/09/2020

DATA ENGINEERING, BIG DATA, AND MACHINE LEARNING

Website <https://www.coursera.org/account/accomplishments/specialization/MFEY3SDA53E7>

08/06/2020

COMPUTER VISION WITH PYTHON

Address <https://coursera.org/verify/NXGDG4GNN2CT>

● LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

| | UNDERSTANDING | | SPEAKING | | WRITING |
|----------------|---------------|---------|-------------------|--------------------|---------|
| | Listening | Reading | Spoken production | Spoken interaction | |
| ENGLISH | B2 | C1 | B2 | A2 | C1 |

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

● DIGITAL SKILLS

Python Programming Language with TensorFlow, PyTorch, Keras e.t.c. libraries. | Machine Learning Numpy | AI platform: Pytorch, Tensorflow etc. | Computer Vision (OpenCV) | Python, C++, and SQL (Programming Languages) | Microsoft Office, Excel(VLOOKUP, Tableau,Pivot) | Natural Language Processing (NLP)

● ADDITIONAL INFORMATION

PROJECTS

01/06/2020 – 31/01/2023

Deep learning/Machine Learning/Computer Vision/Data Science Projects | Car and Street Sign Classifications|, | PPE Detection (Helmet | Vest | safety goggles | gloves) using Yolov5|, | Face Recognition using FaceNet Tensor flow|, | People Counting and detect measure danger between person and fire|, | PPE Compliance AI solution included 5 module and deploy on Django|, | Data Visualization and Dashboard|, | recommended system|, | customer churn prediction|, | sentiment analysis|

Link <https://github.com/Shehzad05?tab=repositories>