

# Muhammad Hammad Liaqat

Cell:+92-3327514040

Email: [mhammadliaqat@gmail.com](mailto:mhammadliaqat@gmail.com)

**Nationality:**Pakistani

**Current Address:** Lahore, Pakistan



## Overview:

I am willing to obtain a responsible and challenging position that will allow me to learn new technologies and skills while utilizing my previous experiences to improve beyond my abilities currently and exceed expectations to excel.

## Work Experience:

- Working as Senior Software Engineer (ML, Web & App Developer) from Dec 2020 to still working in Kavtech Solution Pvt Ltd, Lahore Pakistan
- Working as Software Engineer (ML, Web & App Developer) from May 2019 to Nov 2020 working remotely as freelance, Faisalabad Pakistan
- Working as Software Engineer (ML, Python Developer) from May 2018 to May 2019 Brightways Pvt Ltd. Karachi Pakistan
- Worked as Software Engineer (Python & PHP Developer) from Nov 2016 to March 2018 WestendItStore Pvt Ltd. Lahore Pakistan
- Worked as Software Engineer (Web & Application Developer) from Oct 2014 to Oct 2016, Suave Solution Pvt Ltd. Lahore Pakistan

## SKILLS:



### Machine Learning & Business Analyst

Big data analysis, data visualization Topic Modeling, Sentiment analysis,SpaCy, RAKE, TextRank, NLP, NeatText, SVM, NaiveBay, LSTM, BERT etc.

**Tool:** Python, Jupyter Notebook.



### Web Technologies:

PHP7, CI, Laravel, Magento, Python, Django

**Language:** PHP and Python

**Web Scrapping:** Selenium, WebDriver, BeautifulSoup

**Project Management:** GitHub, JIRA



**Databases:** MSSQLServer, MySQL, PostgreSQL

**Tool:** Xampp Server,

**Virtual Environment:** VM Ware.

**Environments:**

Windows, Linux



Facebook, Google Map, Strip Payment, Rest API's, PayPal, Amazon, Mailchimp

## **EDUCATION:**

**BS Software Engineering (2010-2014): GC University Faisalabad, Pakistan**

### **Software Engineering Core Subject**

- Artificial Intelligence
- Database Management System
- Object Oriented Programming
- Software Project Management
- Software Requirement Engineering
- Software Design & Architecture

**Research Based Projects****❖ Recommendation Method based on LDA Topic Modeling:**

NLP sentiment analysis project based on Latent Dirichlet Allocation (LDA) Topic Modeling to discover hidden topics that discussed in reviews dataset for restaurant recommendation.

**Python Projects****❖ Simpled Card:**

It's a flexible system with which you can manage all your company's business expenses and justifications. We integrate the Mailchimp APIs to manage the emails notification and provide the services on Data Cleaning, transformation from DWH system using Flask API's and python libraries

**Development Technologies:**

**Framework:** Flask, Mailchimp API's

**Libraries:** NumPy, Pandas

**Backend:** Python, MySQL

**❖ Sentiment Analysis for Car Reviews:**

It's research base project to train the model for Sentiment Analysis of Car reviews. Use Different models for Training and Testing the data and compare the accuracy of the results.

**Development Technologies:**

**Framework:** Jupyter Notebook

**Models:** SVM, NaiveBay, LSTM, BERT

**Libraries:** NumPy, Pandas, SpaCy, NLP, NeatText, TextRank, RAKE

**Backend:** Python

**❖ Discussoo:**

The web-based platform where users are presented with a topic, question, or problem to debate, and where they can express their opinions/thoughts in the form of comments. Users can also respond or expand on other users' opinions and/or initiate a new line of discussion and they can share this discussion on other social networking websites. We are analyzing the ongoing discussions at this stage.

**Development Technologies:**

**Framework:** Django, Rest API Framework

**Models:** LDA

**Libraries:** Pandas, SpaCy, NLP, NeatText, TextRank, RAKE, TF-IDF, TextRank4Keywords, KnowledgeGraph

**Backend:** Python, SQLite

- ❖ **Interactive Menu for Food Application:**

A food application for getting the solutions for the user from their constraints or food dependencies using the **Learning Conditional Preference Networks** model.
- Development Technologies:**
  - Framework:** Django
  - Model:** CP-nets
  - Backend:** Python, SQLite
- ❖ **Food Application:**

A food application for getting the optimal or second optimal solution for the user from their constraints or food dependencies.
- Development Technologies:**
  - Framework:** Django
  - Backend:** Python, SQLite
- ❖ **Web Scrapper:**

An application for price comparison and data scraping from different websites and store in excel sheet.
- Development Technologies:**
  - Framework:** Django
  - Libraries:** bs4, BeautifulSoup, csv, selenium, webdriver
  - Backend:** Python, SQLite
- ❖ **Advtex:**

Advertisers depends on third parties to show their ads in their own products (e.g games, websites). We provide plugins for each of the major development framework. The plugins are responsible for retrieving the ad content from the Django server, then providing it to the game or website in optimal format for rendering. The ads are retrieved based on the tags specified by the developer. For example, they may want to show only ads related to games, or ads for a specific age group.
- Development Technologies:**
  - Framework:** Django, Rest API Framework, Google Cloud Platform
  - Libraries:** NumPy, pandas,
  - Backend:** Python, PostgreSQL

## PHP Web Based Projects

- ❖ **Chemco-EMR:**

It's a web-based application for Nursing Home Record. The application manages the pharmacies, nursing homes and patients. Customization of products categories by pharmacy, patient data management, and nurse rounds based on their patient's Kardexes.
- Development Technologies:**
  - Frontend:** Html, CSS, jQuery, JavaScript
  - Backend (Framework): Laravel, PHP**
- URL:**

<http://93.107.179.4:8000>

#### ❖ WestendItStore Ecommerce Website:

It's an ecommerce website for IT products. Manage thousands of products. Extract products from raw data of IT products for Magento. Creating custom modules and manage admin panel. Use different Magento Plugins and update it accordingly to meet the requirements. Using Web Scrapper for price comparison from different competitor's websites.

##### **Development Technologies:**

**Frontend:** Html, CSS, jQuery, JavaScript

**Backend (CMS): Magento 2.1 & 1.9, PHP7**

##### **URL:**

<https://www.westenditstore.com>

#### ❖ ItechDiscount Ecommerce Website:

It's an ecommerce website for IT products. Manage thousands of products. Extract products from raw data of IT products for Magento. Creating custom modules and manage admin panel. Use different Magento Plugins and update it accordingly to meet the requirements. Using Web Scrapper for price comparison from different competitor's websites.

##### **Development Technologies:**

**Frontend:** Html, CSS, jQuery, JavaScript

**Backend (CMS): Magento 2.1 & 1.9, PHP7**

##### **URL:**

<https://www.itechdiscount.com>

#### ❖ Fabglassandmirror Ecommerce Website:

An ecommerce website for the customized glass and mirror products. Working on administrator module integrated with Magento panel outside the scope of Magento using Magento API. Creating custom modules and manage admin panel.

##### **Development Technologies:**

**Frontend:** Html, CSS, jQuery, JavaScript

**Backend (CMS): Magento 2.1 & 1.9, PHP**

##### **URL:**

<https://www.fabglassandmirror.com>

#### ❖ Evolve Basketball

Evolve Basketball App is an all-in-one basketball training app. It is a complete tool that allows a player to become better in every aspect. As a basketball player the goal is to be better than your competition on and off the court. With the drills available through our subscription, you are able to take your game to the next level. We also emphasize strength and conditioning and a nutritional plan to give you the complete tools you need to become a successful basketball player. We strive to give you the best basketball drills and workouts to help you become an elite athlete.

##### **Development Technologies:**

**Frontend:** Html, CSS, jQuery, JavaScript

**Backend (CMS): PHP, Laravel**

**Admi Panel:** <http://159.203.170.74/login>

##### **Apps:**

<https://itunes.apple.com/us/app/evolve-basketball/id1103794774?mt=8>

<https://play.google.com/store/apps/details?id=www.evolvebasketbal>

❖ **OES:**

OES is a service provider for home and office electronics appliances. Schedule a job, take equipment for a job and billing. Contract base client jobs. Clients billing job reports. Employee management and reports.

**Development Technologies:**

**Frontend:** Html, CSS, jQuery, JavaScript

**Backend:** PHP (Core PHP)

**URL:**

<http://50.63.153.194/~cfgw/OES/admin/index.php>

❖ **Haulwire**

It's a shipping app with following functionality. Become a carrier using Android or IOS app, shipping on different cities. Multi offices with one warehouse in respective city. One click shipping and notify to nearer carrier to pick with priority rules defined e.g., area wise, already on the way, nearer to agent office, limit to accept the number of shipments. Agent panel working with haulwire. Track shipment Notify customer about its shipping status. Show carrier details to customers. Google maps-based restrictions for agents and shipments. Access of admin panel to manage all carriers and agents. Monthly reports for agents and carrier commission.

**Development Technologies:**

**Frontend:** Html, CSS, jQuery, JavaScript

**Backend (CMS):** PHP (Core PHP)

**Admi Panel:** <http://159.203.170.74/login>

**Courses and Certification:**

- Web Programming with Python from [EDX](#) an online portal.
- Introduction to Data Science in Python from [Coursera](#) an online portal.
- PHP from [EVS Learning, Faisalabad](#)

