

**Mohd Tauovir Khan**  
**(Data Engineer)**

+91-8010339935  
taukir707@gmail.com

## CAREER OBJECTIVE & SUMMARY

- I have a great attitude to learn and work in teams. Accepting challenges and meeting deadlines are my strengths. Looking forward to seeking a creative, challenging & learning atmosphere and provide ample opportunities for growth in the IT field.
- 4 years of extensive experience as a software developer with the responsibilities of Web and Api development.
- Deep understanding of web technologies and Core programming.
- **Willing to work with AI and Data Scientist Team.**
- Involving with the team to gather user requirements and try to give a better suggestion that meets user requirements.
- Excellent communication, presentation, analytical and problem-solving skills.
- Eager to learn new technology.

## SKILL SET

<b><u>Data Science &amp; ML</u></b>  <b>Languages:</b> Python,R. <b>Packages:</b> Pandas,Numpy,Scikit-learn,OpenCv, TextBlob & Tensorflow. <b>Visualization Packages :</b> Matplotlib, Seaborn, plotly <b>Tools:</b> Spider3.5,Jupyter Notebook & RStudio <b>Environment :</b> Anaconda <b>Web:</b> Flask(Python)	<b><u>Deep Learning &amp; Computer Vision</u></b>  <b>Packages:</b> <ul style="list-style-type: none"><li>• Python</li><li>• Keras-CNN</li><li>• TensorFlow</li><li>• OpenCv</li></ul>
<b><u>Web Development</u></b>  <b>Language :</b> Python,Php7,Servlet,Jsp <b>Framework(Python):</b> Flask,Django <b>Framework(PHP):</b> Laravel 5.6,Cakephp 3.0,CI <b>Micro-Framework:</b> Lumen5.6,Medoo,Flask <b>Web Server :</b> Tomcat 7.0, Xampp, Wamp, <b>Web Services :</b> Restful Web Services <b>IDE :</b> Eclipse Luna,Visual Studio	<b><u>Others</u></b>  <b>Core Language :</b> Php,python,Core java,C++ <b>Scripting:</b> AngularJs ,JavaScript,Jquery,Json. <b>Database :</b> MySql,Postgres <b>Database Tools :</b> DBeaver,PGmodler,PGAdmin <b>Search Engine :</b> Elasticsearch, Solr <b>OperatingSystem:</b> Windows10 /Linux Ubuntu

### Machine Learning research projects:

1. Object Detection:
  - **Algorithm:** Convolutinal neural networks
  - **Technology :** Opencv, Keras and tensorFlow
  - **Data :** ImageNet
2. Asteroid Diameter:
  - **Algorithm:** Regressor Algorithm
  - **Technology :** Pandas, Numpy, Matplotlib,Seaborn, Scikit-learn.
  - **Data :** Kaggle
3. Titanic Survivors:
  - **Algorithm:** Classification Algorithm
  - **Technology :** Pandas, Numpy , Matplotlib,Seaborn, Scikit-learn.
  - Data :** UCI

### EMPLOYMENT DETAILS

**Annexorien Technology** Working as a **Data Engineer** from **Apr 2019**.

#### **Project 1**

Project Title : **Cell-Retail**

Date : Nov-2019 to till now.

Team Size : 3

Environment : Python3.6, Scikit-learn & CNN,TensorFlow,Pandas,Numpy,OpenCv,Flask.

Project Description : **Cell-Retail** is a computer vision project which fetches all product's information after scanning the product model number. In this project, detail of products are analyzed and visualized according to branch stores so that a new machine algorithm can be applied to increase product supply. In this process, supervised machine learning and image processing are being implemented in order to construct the project.

**My Role :** Data collection, extracting frames,verifying data quality, exploring and visualizing data, analyzing the nature of data , feature engineering, implementing different models to gain higher accuracy, implementing APIs and collaborating with front-end team.

#### **Project 2**

Project Title : **Digital Learning.**

Date : April-2019 to Nov-2019.

Team Size : 4

Environment : Python3.6, Django, Flask, Mysql, Html, Css3, ,JavaScript, JQuery.

**Project Description :** **Digital Learning** is an android application for providing online study support to students who wish to prepare for competitive exams. It does not only provide ample study materials but also connects to trainers so that students can get the best solution. Besides this, students can take mock tests according to difficulty level and analyse their performance as per test results. Furthermore, this application provides standard course packages with online trainer support.

**My Role :** Making Restful Api for android platform, developing the Control panel, implementing crone job, managing the entire database, communicating with the client.

**Appinventiv Technologies :** Worked as a **Software Engineer** from June-2016 to oct-2018.

### **Project 1**

Project Title : **Caltex Music.**

Date : may-2018 to oct-2018.

Team Size : 8

Environment : Php7.2, Laravel 5.6, Lumen 5.6 Angular5, Rest Api, MYSQL, Html, Css3, ,JavaScript.

**Project Description :** **Caltex Music** is a music and video streaming service which is being developed on a variety of platforms such as Ios, Android and Web. Caltex Music provides a platform to their users where they can listen to their favourite artist songs and can also watch videos. Apart from that Caltex Music also serves live TV and radio stations. It provides great features and rich functionalities to their customers who can enjoy a lot and can do many things like downloading, saving, sharing etc.

**My Role :** Making Restful Api for Ios and android, developing web and managing database.

### **Project 2**

Project Title : **Mozi.**

Date : Jan-2018 to till Apr-2018.

Team Size : 3

Environment : Php7, Laravel 5.5, Lumen 5.5 ,MYSQL, Html, Css3, JQuery, JavaScript.

**Project Description :** **Mozi** is an Ios application which is being developed for people who want to get together with their friends and relatives at certain places. It provides a platform where users can share their interest and can make a group of related friends.

This application provides immense features to the users. For instance, creating the events and sending the requests to friends to join events, post events on timeline. Moreover, many features, like comment, like, group chat incorporated in this application.

This application is a type of social application which was built on Ios platform only.

**My Role :** Making Restful Api for Ios, developing Admin panel, managing entire database.

### **Project 3**

Project Title : **Tridder.**

Date : Feb-2017 to Dec-2017.

Team Size : 5

Environment : Php,Laravel 5.4,Medoo,XMPP,MYSQL, Xampp,Html, Css3,Jquery,JavaScript.

Project Description : **Tridder** is an application which has been developed for practicing and doing Trade in Forex and Stock market. This application gives a real-time environment for the trader, where they can buy or sell the stocks and also buy or sell currency pairs. Trider provides a platform where users can predict forex/stock market price if prediction price succeeds users get higher rank according to a certain formula.

This application has been developed in three main platforms such as Android, Ios, and WEB. This application also provides a social environment where user can share the post, follow trader, make a donation, etc.

**My Role** : Making Restful Api for Android and Ios,developing WEB Application ,Implementing XAMPP for chat,writing crone job,managing database.

### **Project 4**

Date : July-2016 to Jan-2017.

Project Title : **Appdexa.**

Team Size : 3

Environment : Core PHP, MYSQL, Xampp,Html,Css3,JavaScript,AngularJs.

Project Description: **Appdexa** is a marketplace that aims to boil down the gap between businesses and consumers. Appdexa brings into the market for leading businesses in app development & app marketing category in order to deliver the best search results to the clients.

The motive behind this application is to gather the top app development companies and top app marketing companies into the one place, so the clients get top companies from this application.

**My Role** : Developing whole application, managing database.

**Mamsys Consulting Services:** Worked as a **Software Developer** from May-2015 to June-2016.

### **Project 1**

Project Title : **Bank\_PO\_Online\_Test.**

Date : Feb-2016 to June-2016.

Team Size : 4

Environment : PHP,CakePhp 3.0, MYSQL, Xampp,Html, Css3,Jquery,Java Stript,AngularJs.

Project Description: : **Bank\_PO\_Online\_Test** is a web Application to facilitate candidates to get practice online through this application. It provides an extremely good understanding of concepts related to each topic of exam to the candidate. It also provides the best trick to solve questions within a short period. Its main purpose to provide students to get excellent practice anywhere and any time using this application.

**My Role** : Making Admin panel using Cake php, making Front-End Using Angularjs, Html and Css, Making WebServices using core php, Handling Database Schema, Creating Sql queries and Stored Procedure for application, Testing entire Application.

## **Project 2**

Project Title : **Project Management System.**

Date : Oct-2015 to Feb-2016.

Team Size : 3

Environment : PHP, CakePhp 3.0, MYSQL, Xampp, Html, Css3, AngularJs, JQuery, JavaScript.

Project Description: **Project Management** System is a methodological approach to achieve goals within a given time. It is a process of planning and guiding the project process from start to finish. The main purpose of this application is to create a project and assign tasks to the project team (users) With time slot and monitor project progress with the help of task completion and user timesheet report..

**My Role** : Developing Modules, Developing Services, Handling Database, Handling json format using Angularjs, Testing entire Application.

## **Project 3**

Date : Apr-2015 to Oct-2015.

Project Title : **ProximForecaster.**

Team Size : 3

Environment : Restful Web Services, Core java, Jsp, MYSQL, Apache Tomcat 7.0, Html, Css3, AngularJs, JavaScript.

Project Description: **ProximForecaster** is a Web Application that has been developed by Mamsys Consultancy for SmartCorp. The main purpose of this Application to forecast projects before going to start. It gives all kinds of information about the forecasted projects such as project's Budget, Hourly/Monthly cost of resources, monthly projects progress etc. It also gives information about sub forecaster's projects progress, allocated resources, under and over the budget of business lines etc.

**My Role** : Developing Restful web services using Core java, Making Json format and Testing entire Application.

**Microweb Systems:** Worked as a Java Trainee from October-2014 to March 2015.

Project Title : **Avalon.**

Team Size : 4

Environment : JSP, Servlet, Spring MVC, Mysql, Apache Tomcat 7.0, CSS, Java Script.

Project Description : **Avalon** is a product of Microweb Systems which deals with the aspects of information processing related to the students in educational centers. It helps in different educational centers to manage various student data, like Registration, Batches, fee, Placement Details and Certificate Details.

**My Role** : Developing **Admin Module** that supports the master features of the product like registration of new students, launching new batches, launching new room for assigning a batch to it.

### QUALIFICATION DETAILS

- **Advanced** diploma in **Artificial intelligence** in 2019 from NIELIT(National Institute of Electronics and Information technology), Calicut, Kerala.
- **MCA** in 2014 from MIT(Meerut Institute of Technology), Meerut.
- **BCA** in 2011 from IGNOU(Indira Gandhi National Open University), Delhi.

### KEY COMPETENCIES

- Always try to take initiative towards my work.
- Strong analytical power.
- Smart worker and Good listener.

### Presentation & portfolio

1. [Laravel 5.6 at Appinventiv](#)
2. [Lumen 5.6 at Appinventiv](#)
3. [Portfolio](#)

### PERSONAL PROFILE

Father's Name : Mohd Abdul hai Khan

Gender : Male

DOB : 02-11-1991

Marital Status : Unmarried

Language Known : Hindi, English, Urdu.

Location : Delhi.

(Mohd Tauovir Khan)