Core skills:
- ● **DJANGO**
- ● **TENSORFLOW**
- ● **PYTHON**

ARTIFICIAL INTELLIGENCE EXPERT

CANDIDATE PROFILE

An Artificial Intelligence Expert having Masters degree in Computer Science & over 8 years of diversified experience in Artificial Intelligence, Machine Learning, Teaching and IT Marketing. Engaged in the field of Artificial Intelligence from the last 5 years & currently working as AI Expert at the Middle East Hub for codecombinator and engaged in including Tensor Flow, OpenCV, Python, Django, Torch and other related softwares.

Previously served as Machine Learning Engineer at Esper-Solutions & Swift Biz Solutions Pvt. Ltd. for four years and worked on multiple projects using Data Science, OpenCV, Deep Learning & Image Processing. I was also engaged with educational institute for around one year and taught Computer Science subjects to the students of B. Sc.

I have keen interest in Machine Learning/ Deep Learning, cutting edge technologies and solving real world problems using Data mining, Computer Vision, Neural Networks & other web-based tools including Django & Flask.

EXPERIENCE

Jan 2020 - Present - codecombinator Middle East Hub - A.I Expert

● Working as an Artificial Intelligence Expert solving many real world problems with techniques used in NLP, Computer Vision, Image processing, Deep Learning and Web Development (Django, Flask)

Aug 2018 - Dec 2019 - Esper-Solutions - Computer Vision/ Machine Learning Engineer

● Worked as a Computer Vision/Machine Learning Engineer using (Deep learning, OpenCV, Data Science, Image Processing) techniques to solve real world problems and Web Developer (Django)

Apr 2016 - Jul 2018 - Swift Biz Solutions Pvt Ltd - Computer Vision/ Machine Learning Engineer

● Worked as a Computer Vision/Machine Learning Engineer using (Deep learning, OpenCV, Image Processing) techniques to solve real world problems and Web Developer (Django, odoo, SAP Hybris)

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ARTIFICIAL INTELLIGENCE EXPERT

EXPERIENCE

May 2015 - Mar 2016 - Muslim College - Lecturer

● Served as Lecturer for Computer Science & taught to the student of B.Sc

Jun 2013 - Jun 2014 - Ambient Advertising - Promoter

● · Engaged in marketing & promotion of Hewlett Packard (HP) product in various cities of Pakistan.

TECH SKILLS

- ● **Artificial Intelligence**
- ● **Artificial Neural Network**
- ● **AWS**
- ● **Computer Vision**
- ● **Data Mining**
- ● **Deep Learning**
- ● **Django**
- ● **Docker**
- ● **Image Processing**
- ● **Natural Language Processing**
- ● **Keras**
- ● **Machine Learning**
- ● **HTML**
- ● **Python**
- ● **PyTorch**
- ● **TensorFlow**

OTHER SKILLS

- ● **Problem solving abilities**
- ● **Organizational know-how**

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ARTIFICIAL INTELLIGENCE EXPERT

PROJECTS

● Image Search Engineer | Created a search engine for searching images where query is an image using OpenCV, Deep Learning, TensorFlow & Django

● Sound To Text | Created an API for sound to text transcription, which included Transcription, Sentence Detection, Speaker Recognition using Pytorch & TensorFlow

● Complete CV pipeline | A Complete Computer Vision pipeline like Google Vision API, which includes Classification on Openimages 5000 classes dataset, Object detection on Openimages 600 classes, Face Emotion Recognition, Age Estimation, Gender Estimation Text Recognition. Using TensorFlow & Django

● Knowledge Graph Creation from Unstructured Text | In this era of Data we have lot of unstructured data, in this project I have created a complete pipeline an automated way to create structured (Knowledge Graph) data from unstructured data using TensorFlow, Django Rest Framework, Neo4J & nltk

● Sentiment Analysis | Sentiment analysis of tweets and reviews. A custom designed algorithm to train on small amount of data with lot of diversity in it using TensorFlow, nltk, Gensim & Django Rest Framework

● Speed Detection | Speed detection of an object in video from a single camera using OpenCV, Deep Learning & object detection

● Wear Glasses | Face pose Estimation and real time glasses wear web app. using Django, JavaScript, TensorFlow, Pytorch, OpenCV & Deep learning

● Cifar-100-Classification | Cifar-100-Classification analysis on different Deep Learning algorithms, Like DenseNet and ResNet. using TensorFlow & OpenCV.
● Chest X-Ray Classification | Chest X-Ray-14 Classification using CapsNet algorithm, designed with more than original blocks using OpenCV, & TensorFlow

● Object Movement Detection in 4d World points | Foot Ball detection and tracking from two cameras to estimate real world coordinate for automated ball keeper to stop it using OpenCV & Deep Learning

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ARTIFICIAL INTELLIGENCE EXPERT

PROJECTS

● Face Pose Analysis | Detection of Distance of Face from Camera, Face Shape Detection, Face Pose Estimation, Gender and Age Estimation using OpenCV, TensorFlow, Pytorch & Django

● Custom Object Detection | Training of Deep Learning Model for Custom Object detection for it size evaluation. using Tensor flow Object Detection API

Golf Stick Movement Tracking | Golf Stick movement detection and tracking for analysis using OpenCV, Django & JavaScript

● Car Classification Through Images | Car Classification system in images, Used Deep learning Detection and Classification algorithm to classify cars in an image

● Number Plate Identification | Number Plate Identification of cars using Deep Learning and Machine Learning Techniques

● Medical Store Inventory | Medical Inventory and Billing system using JavaScript, awt & Netbeans

● Mobile Shop | E-Commerce mobile shop for selling and purchasing of mobiles PHP, JavaScript & HTML

● Odoo | A project to handle company sales and purchases, including in company products movement, employee's expenses, using Python

EDUCATION & TRAINING

2019 - MSCS

● COMSATS Institute of Information Technology

2013 - Master in Computer Science

● Islamia University

2010 - Bachelors in Commerce (B.Com)

● Islamia University

2008 - Intermediate

● BISE

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ARTIFICIAL INTELLIGENCE EXPERT

EDUCATION & TRAINING

2006 - Matriculation

● BISE

LANGUAGES

English - Working proficiency

Urdu - Native speaker

HOBBIES

Reading Articles & Books

Watching Movies

Internet Browsing Current

International affairs

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