Karan Katyal

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Professional Summary

Creative and organised with an analytical bent of mind. Stronghold in Big Data and an ability to create analytical solutions for different profiles. Great with handling enormous amounts of data at the same time.

Academic Details

2019	**PG-Diploma: Big Data Analytics** CDAC-ACTS, Knowledge Park- Bengaluru, Karnataka	73.13%
2017	**B.Tech : Computer Science And Engineering** Vaish College Of Engineering	71.08%
2014	**Diploma: Computer Engineering** Chhotu Ram Polytechnic	73.07%
2011	**10th** Shiksha Bharti Senior Secondary School	86%

Work History

10/2019 to Current **Python Developer**

Multi TV Tech Solutions Pvt Ltd – Gurugram, Haryana

- Work independently to design, develop and test code for Company.
- Evaluated project requirements and specifications and developed software applications that surpassed client expectations.
- Consulted with engineering team members to determine system loads and develop improvement plans

Skills

- Python Programming
- Machine Learning
- MySQL
- MongoDB
- Data Science
- AWS
- Flask Rest API
- Deep Learning
- Apache Spark
- Shell Scripting
- ETL
- MS-Excel
- Apache Hadoop
- Apache Hive & PIG
- R Programming
- Tableau

Certificates

- C (2014)
- C++ (2014)
- J2SE (2015)

Projects

- Inventory Management System (2017) **Platform** : J2SE

The Inventory Management System project was aimed to build an application program to reduce the manual work for managing the Inventories, Customer, Supplier, Receiving stock, Payment. It tracks all the details about the Payment, Inventory, and Purchasing. The objective of the project is to deliver an efficient inventory management system whose main functionality apart from calculating the inventory include predicting the requirement for any demand.

- Image Fusion (2019) **Platform** : Python

The Image Fusion project is an attempt to extract salient features from source images, then these features are integrated into a single image by appropriate fusion method. In contrast to convolutional neural networks, We attempt to get more useful features from source images in encoding process. And a fusion layers(fusion strategy) is designed to fuse these features. Finally, the fused image is reconstructed by decoder.

- Face Recognition (2020) **Platform** : Python

A Face Recognition System is a technology capable of identifying or verifying a person from a digital image or a video frame from a video source. Built using dlib's-state-of-art face recognition built with deep learning. This also provide a simple face recognition command line tool that lets you do face recognition on a folder of images from the command line.

- Crowd Count (2020) **Platform** : Python

Crowd Counting is a technique used to count or estimate the number of people in a crowd. Using the TensorFlow Object detection API, we will be counting the number of people. A frame is extracted every 30 seconds from the video and a forward pass of the model is performed. If a person is found in the video, then the count is increased.

- Webrtc mediasoup (2021)

WebRTC is an open source project to enable realtime communication of audio, video and data in Web and native apps. Mediasoup is a Node.js module which can be integrated into a larger application like group video chat application, One-to-many broadcasting applications in real-time, RTP streaming.

Interests

- Listening Music
- Travelling
- Programming
- Gaming
- Playing Cricket & Badminton

I hereby declare that the information given above is true to the best of my Information knowledge belief.

Date: Signature: