Total Experience: 5 Year(s) 3 Month(s)

Highest Degree: B.Tech/B.E. [Electronics/Telecommunication]

Notice Period: Currently Serving Notice Period



Machine learning professional having R&D Experience in Computer vision and other machine learning algorithms along with Tensorflow/Keras and Scikit learn. Passionate to work in the Deep learning field to apply and hone my skills.



Current Designation: Technology Analyst

Current Company: Infosys Limited

Current Location: Chandigarh

Pref. Location: INDIA, Bengaluru / Bangalore, Chandigarh

Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Computer Vision, Machine Learning, Deep Learning, Python, Scikit learn,

Tensorflow/keras, Numpy, Pandas, Seaborn, Matplotlib

Verified: Phone Number | Email - id

Last Active: 20-Jan-21 Last Modified: 20-Jan-21

Summary

A Machine Learning Enthusiast passionate about cutting-edge ML technology and solving real world problems, with in depth knowledge of designing and optimizing Machine/Deep Learning models for best possible performance. Experience in computer vision, Scikit-learn, Tensor Flow along with coding ability in Python.

Work Experience

Infosys Limited as Technology Analyst Aug 2015 to Till Date

With 5.3 yrs of experience in the IT industry, I have been working on Machine learning projects for last 3+ years with experience in both machine learning and deep learning networks and algorithms. My work has made me hone my skills in Tensorflow/keras, Scikit learn, Seaborn as well as libraries like Numpy and Pandas.

With a coding experience in Python, I am passionate about working in the Deep learning field so that I can use my skills and help deliver highly reliable Machine learning projects working as a team.

Education

UG: B.Tech/B.E. (Electronics/Telecommunication) from Chitkara Institute Of Engineering & Technology, Rajpura in 2015

IT Skills

Skill Name	Version	Last Used	Experience
Scikit Learn	Latest	2020	5 Year(s) 0 Month(s)

Pandas	Latest	2020	5 Year(s) 0 Month(s)
NLTK	Latest	2020	5 Year(s) 0 Month(s)
Matplotlib, Seaborn and Pandas	Latest	2020	5 Year(s) 0 Month(s)
Python	Latest	2020	5 Year(s) 0 Month(s)
MVC	Latest	2017	5 Year(s) 0 Month(s)
HTML, HTML5, CSS, JQuery, Bootstrap.	Latest	2017	5 Year(s) 0 Month(s)
Visual Studio, Jupyter	Latest	2020	5 Year(s) 0 Month(s)
SQL	Latest	2020	5 Year(s) 0 Month(s)
WINDOWS	Latest	2020	5 Year(s) 0 Month(s)
Computer Vision	Latest	2020	5 Year(s) 0 Month(s)
Tensorflow/Keras	Latest	2020	5 Year(s) 0 Month(s)
NUMPY	Latest	2020	5 Year(s) 0 Month(s)

Languages Known

Language	Proficiency	Read	Write	Speak
English	Proficient			

Projects

Project Title: Object detection

Client: Infosys

Nature of Employment: Full Time
Project Location: Chandigarh
Role: Sr. Programmer

Duration: Mar 2020 - Till Date
Onsite / Offsite: Offsite
Team Size: 3

Skill Used: Yolov3, Tensorflow, Keras, Transfer learning, Python, Opencv

Role Description: R&D on Object detection using YOLOv3 using Transfer Learning and Tensorflow/Keras and making sure to

attain a high accuracy in detection 80 different classes on the trained model

Project Details: Developed an object detection system for autonomous driving using CNN and YOLO algorithm.

Project Title: Face recognition using CNN

Client: Infosys

Nature of Employment: Full Time
Project Location: Chnadigarh
Role: Sr. Programmer

Duration: Aug 2019 - Mar 2020
Onsite / Offsite: Offsite
Team Size: 2

Role: Sr. Programmer Team Size: 2 Skill Used: Computer Vision, Deep Learning, Tensorflow, Keras, Transfer learning

Role Description: Responsible for developing the Recognition system from scratch using CNN using Inception Network along

with Keras based on Triplet Loss

Project Details: Face recognition system using Deep learning based on FaceNet research paper.

Project Title: Fraud detection system

Client: Infosys

Nature of Employment: Full Time Duration: Nov 2018 - Jul 2019
Project Location: Chandigarh Onsite / Offsite: Offsite

Role: Sr. Programmer Team Size: 3
Skill Used: Scikit learn, Python, Numpy, Pandas, Logistic regression, Machine Learning,

Role Description: Responsible for preprocessing and training the data to develop a fraud detection Machine learning model

using Logistic regression using oversampling(SMOTE) to achieve better recall score.

Project Details: Fraud detection system for an banking client with an aim of detecting the fraud customers.

Project Title: Sentiment Analysis using NLP

Client: Infosys

Nature of Employment: Full Time Duration: Feb 2018 - Oct 2018
Project Location: Chandigarh Onsite / Offsite: Offsite

Role: Sr. Programmer Team Size: 3 Skill Used: NLP, NLTK, Machine Learning, Pandas, Numpy, Python, Scikit learn Role Description: Tasked to preprocess the review data using NLP so that it can be trained for attaining high accuracy score in determining a positive or a negative review.

Project Details: Sentiment Analysis using the reviews given by the user to a client for their product and services.

Project Title: Customer Data Segmentation

Client: NA

Nature of Employment: Full Time Duration: Jun 2017 - Jan 2018
Project Location: Mysore Onsite / Offsite: Offsite

Role: Sr. Programmer Team Size: 3 Skill Used: K means, Machine Learning, Scikit-Learn, Python, Numpy, Pandas

Role Description: Tasked to work on the Customer data for a retail brand to categorize customers based on their purchase

data using K-Means clustering algorithms.

Project Details: Customer segmentation based on Purchase data.

Project Title: Employee Confirmation System

Client: Infosys

Nature of Employment: Full Time Duration: Jun 2016 - May 2017
Project Location: Mysore Onsite / Offsite:

Role: Programmer Team Size: 5

Skill Used: MVC,SqI, Bootstrap, Jquery, C#

Role Description: Tasked to implement the business logic and UI using MVC and Bootstrap following the Agile methodology

to deliver a user friendly application within expected timeline.

Project Details: Revamping the Employee Confirmation application with an enhanced UI and updated business logic

Project Title: Employee Recruitment

Client: Infosys

Nature of Employment: Full Time Duration: Aug 2015 - May 2016

Project Location: Mysore Onsite / Offsite: Offsite

Role: Programmer Team Size: 8

Skill Used: ASP.Net MVC, Bootstrap, jQuery, SQL Server, C#,

Role Description: Responsible for support and implementing enhancements as per the business requirements to make sure

the subcon hiring process runs smoothly without any issue and delay.

Project Details: Employee recruitment application for hiring new subcons as per project requirements

Affirmative Action

Work Authorization

Physically Challenged: No Job Type: Permanent

Employment Status: Full time