Hi , my name is Vishal Gautam. Career is an important aspect of any person’s life. It determines the kind of lifestyle one will lead and his/her position in the society. While everyone dreams of a good lifestyle not everyone is able to build a strong career that can ensure the same.I am pursuing B.tech in Computer Science and Engineering and currently in 7th Semester. I want to explore myself as Software Developer in Domain of Artificial Intelligence, Deep learning and Machine learning. I had started learning about Artificial intelligence, Deep learning and Machine learning from 2nd year of my b.tech. At the time of learning about in that domain , I got familiar with real time problem solving and my interest in that domain start increasing .I like solve problems which are based on Deep learning and Machine learning. I have solved some problems like Classification and regression and also like Competitive coding and I have Knowledge about data Structure and Algorithms. I have done 2 month internship in IIRS(ISRO) for Classification of Remote sensing image with Deep learning and also I have done some small project code from my side. I like read kernals of ***kaggle.com*** it helps me think about approach to solve problems.

These are some code I have done.

**IIRS(ISRO) Internship project.**

[**https://github.com/Vishal2706/IIRS\_Intern\_Project**](https://github.com/Vishal2706/IIRS_Intern_Project)**.**

Here I have used CNN+LSTM to generate classified images for a input multispectral image.

**Genration of mask for image of car.**

[**https://github.com/Vishal2706/mask\_genration\_variational\_autoencoder**](https://github.com/Vishal2706/mask_genration_variational_autoencoder)**.**

Here I have used CNN vibrational auto-encoder for generation of mask.

**Breast cancer detection(Classification problem).**

[**https://github.com/Vishal2706/Breast\_Cancer\_Prediction**](https://github.com/Vishal2706/Breast_Cancer_Prediction)**.**

In this problem we in put symptoms of Cancer then it will predict category of cancer.

**Hand Written digit Prediction(Classification problem)**

[**https://github.com/Vishal2706/HandWrittenDigitRecognization**](https://github.com/Vishal2706/HandWrittenDigitRecognization)**.**

In this problem I have used CNN(Convolutional neural network) for Classification.

**Human Face Recognizer**

[**https://github.com/Vishal2706/HumanFaceRecognision**](https://github.com/Vishal2706/HumanFaceRecognision).

It recognized the human Face into an image and show the name of those persons who are

into training dataset. I used Haar-Cascade to detect Human Face into an image.

**Single as well as Two Player Tic-Tac-Toe Game**

[**https://github.com/Vishal2706/Tic-Tac-Toe**](https://github.com/Vishal2706/Tic-Tac-Toe).

Here I have used K-Nearest Neighbour(KNN) Machine Learning Algorithm to predict the next

move for PC in Single Player mode.

And I want build my career in Domain of Artificial intelligence and Deep learning.