

# SHIVANI GAUTAM

**Address:** Meghwal Mohalla Rijhone, Jhalarapatan,  
Jhalawar, Rajasthan (326023)

**Ph:** +91-9119150733

**Email:** [shivani.cs101@gmail.com](mailto:shivani.cs101@gmail.com)



## Career Objectives

To associate myself with an organization to prove my innovative skills and to work in a position where my skills and knowledge are utilized in the best possible way, which provides me with an opportunity for growth in my professional career and also contribute to the growth of the organization.

## Project Associate (IIT Mandi)

June 2019- Present

- ◆ Developed various services for NMS Works Project.
- ◆ Developed many scripts to extract data according to needs.
- ◆ Extract and clean pre-processing of Big Data. (like Alarms and Performance data)
- ◆ Data Web-Scrapping using Beautiful Soup and Selenium.
- ◆ Calculate and Analyse Time Series Forecasting data.
- ◆ Applied Machine Learning models:
  - Classification ( Naive Bayes , Decision Tree , Random Forest )
  - Regression ( Linear Regression, Multiple Regression, Logistic regression)
- ◆ Applied Deep Learning Models : ARIMA, LSTM.
- ◆ Extreme Gradient boosting with help of XGBoost and Over sampling to predict network device failures.
- ◆ Find out how social network data can effect to Telecom network data ( NMS Works ).

## Internship Programs( NIT Surathkal, Karnataka)

May 2019- June 2019

- ◆ Learn Machine learning Techniques & Algorithm.
- ◆ Project: Iris Flower Classification.
- ◆ Project: Sentiment Analysis of Data from Amazone.
- ◆ Project: Performing Analysis of Machine learning techniques on Super Market Datasets.

## Projects

### ***Image Captioning:***

- This Model consist of Convolutional Neural Networks (CNN) as well as Recorcent Neural Network(RNN).
- The CNN use for feature extration from image and RNN used for sentence generation.
- The Model is trained in such a way that if Input image is given to model it generates caption which nearly describe the Image.

### ***Breast Cancer Diagnosis:***

- This project is applied on text data.
- The goal is to classify whether the Breast Cancer is benign or melignent.
- To achieve this I have used Machine learning classification methods to fit a function that can predcit the discrete class of new input.

## Technical Skills

- ✓ **Language:** Python (Proefficient), C(Basic)
- ✓ **Webdesigning:** HTML Flask, Django (Basic)
- ✓ **DB:** MongoDB(Basis), SQL(Basic)
- ✓ **Libraries/Tools:** Tenserflow, Keras, Pandas, Numpy, Scikit-learn, Jupyter Notebook, Spyder.
- ✓ **Other Skills:** Machine Learning , Deep Learning, Statistical Model, Web scrapping , Data Mining, Big Data Analytics, Data Visualisation.
- ✓ **OS:** Linux(Mint), Windows.

## Academics

Course	Board / University	Passing Year	%/CGPA
B.Tech CSE	Rajasthan Technical University, Kota	2019	66
12 <sup>th</sup> P.C.M.	Dileep Vidya Niketan Senior Secondary School, Kota, RJ	2015	59
10 <sup>th</sup>	Government Girls Senior Secondary School, Jhalarapatan, RJ	2013	66

## Achievements

- Stood 2 nd Position in Event Management in Cultural Activity 2017.
- Participated in short term training program (STTP) on “Machine Intelligence & Learning with Anaconda and Python (MILAP)” from 27 th April to 28 th April, 2018 at GEC Jhalawar.
- Attended 5-days workshop on “Introduction to Machine Learning” from 17 th December to 21th February to 15th February 2019, at GEC Jhalawar, 2019.
- Attended 5-days short term program on “IPV4 Networking Fundamentals” from 19 th March to 23 rd March, 2018 at NITK Surathkal.
- Attended 5-days workshop on “Computer Networks and Data Mining” from 11 th February to 15 th February 2019, at GEC Jhalawar, 2019.

## Personal Details

**Father** : Mr Kailash Chand Gautam

**Mother** : Kiran Bala

**DOB** : 05/07/1998

**Nationality** : Indian

**Current Location:** IIT Mandi (HP)

**Hobbies:** Coding, Cooking, Dancing

## Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Date : 20-08-2020

Shivani Gautam