

# GANESH SHARMA

INDIA   ganesh.stemx@gmail.com   ganeshstem.pythonanywhere.com   github.com/ganesh-stem

## SKILLS

MACHINE LEARNING  
ARTIFICIAL INTELLIGENCE  
NATURAL LANGUAGE  
PROCESSING  
FRONT-END WEB  
DEVELOPMENT  
BACK-END WEB DEVELOPEMENT

## TOOLS

C++  
PYTHON & DJANGO  
JAVASCRIPT  
REACTJS & REDUX

## CERTIFICATIONS

### Problem Solving (Advanced)

Issued by HackerRank

(<https://www.hackerrank.com/certificates/4d15935b93d9>)

## EDUCATION

### Computer Science & Engineering

IES COLLEGE OF TECHNOLOGY, BHOPAL

8.24/10.0 CGPA

2016 – 2020

### CLASS XII - MP Board

BABY CONVENT HIGHER SECONDARY SCHOOL, BHOPAL

76.2%

2016

### CLASS X – CBSE Board

KENDRIYA VIDYALAYA NO. 1, BHOPAL

6.00/10.0 CGPA

2014

## PROJECTS

### Credit Card Applications

Prepared a deep learning model to find the fraud customers.  
Used Self-Organizing Maps to build the model.

### Hospitals Allocation

Project Link | <http://ganeshstem.pythonanywhere.com/hc/>  
Prepared the two AI models for efficiently allocating the hospitals to the residents. These two models are based on the hill climbing algorithm and random restart hill climbing algorithm, respectively.

### Search Problem

Project Link | <http://ganeshstem.pythonanywhere.com/bfs/>  
Created two models, breadth-first search and depth first search, based on searching problems. The project is built using Python, JavaScript, and Django, and the search result generates two outputs — in characters and graphical forms.

### Sentiment Analysis

Prepared a sentiment analysis model using NLTK (Python), JavaScript, and Django. Calculated the polarity scores and intensities of sentiment analysis, and visualized the results using donut charts.