# Vivek Kumar

## (Python Developer)

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🔻 https://stackoverflow.com/users/14031420/vivek-kumar

## Projects

### Recognition of Handwritten Digit using Convolutional Neural Network in Python

The handwritten digit recognition is the ability of computers to recognize human handwritten digits. Implemented using **MNIST dataset**, used a special type of deep neural network that is **Convolutional Neural Networks**.

### Driver Drowsiness Detection System with OpenCV & Keras

The objective of this intermediate Python project is to build a drowsiness detection system that will detect that a person's eyes are closed for a few seconds. Used **Python, OpenCV, Keras** and **Pygame**.

### Rasa Chatbot

Rasa is an **open-source machine learning framework** for automated text conversations. Understand messages, hold conversations, and connect to messaging channels and APIs.

## Technical Expertise

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| **Programming:** Python (Proficient), C Programming, HTML. |
| **Frameworks:** Flask, RASA (Chatbot) and Rasa X |
| **OS:** Windows and Ubuntu |
| **Database:** MySQL, PLSQL |
| **Tools:** Git, SVN, MAMP, XAMPP, PyCharm, tmux, VSCode, Jupyter Notebook, Virtual Box |
| **Interest:** *Deep Learning for NLP with Python, Working with SQL queries & Oracle PLSQL* |

### Education

Ω **Madhav Institute of Technology and Science, Gwalior**

Bachelor of Engineering - BE, Information Technology 2016 - 2020

**Kendriya vidyalaya**
12th board, Science

## Extracurricular

- Workshop on Ethical Hacking. (Workshop on **ethical hacking - Conducted by IIT KANPUR** (TECHKRITI-17))
- Workshop on Ethical Hacking. (**Workshop on Ethical Hacking - IIT DELHI** (RENDEZVOUS-16)