Windows:
Arduino IDE:
1. Download supported version from : https://www.arduino.cc/en/Main/Software
2. Install in default directory.

Node MCU board support:
1. Follow install instructions on :
https://www.instructables.com/id/Quick-Start-to-Nodemcu-ESP8266-on-Arduino-IDE/

Python:
1. Download installer from https://www.python.org/ftp/python/3.7.6/python-3.7.6-amd64.exe
2. Install python in default directory and add it to path.
3. After installation is complete open IDLE to check if python is properly installed.

Opencv:
1. Open command prompt.
2. Type pip install opencv-python
3. After installation is done type "python" in command prompt to start a python shell.
4. In the shell enter "import cv2" to check installation.

Linux:
OpenCV:
1. Open terminal and type "pip3 install opencv-python". (Note: run command with sudo if permission denied error is thrown).
Arduino IDE:
1. Download supported version from : https://www.arduino.cc/en/Main/Software
2. Install in default directory.
Node MCU board support:
1. Follow install instructions on :
https://www.instructables.com/id/Quick-Start-to-Nodemcu-ESP8266-on-Arduino-IDE/