

# Nikhil Bajpai

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## EDUCATION

Degree	Institution	Score
2016-Present B.Tech (CSE)	BBDNITM, Lucknow	7.2(ongoing)
Senior Secondary Education	Maharishi Vidya Mandir, Barabanki (CBSE)	69%
Secondary Education	St. Anthony's College, Barabanki (CBSE)	6.8(CGPA)

## PROJECTS

### Virtual Paint:

#### Brief Project Outline:

- To paint on screen with any desired (assigned)color.

#### TechStack:

- Python (openCV , Numpy)

### Attendance System using ML

#### Brief Project Outline:

- To store and recognize faces for an intelligent attendance marking system

#### TechStack:

- Python (with openCV),Face Recognition

### A blog post web app using Flask

#### Brief Project Outline:

- To create a blog post application along with photos attached with it.

#### TechStack:

- Python's web application framework

## Utilities for exploration in Python

- Video to Audio to text convertor(PyAudio and speech\_recognition,pytube) along with format convertor (using moviepy)
- A note taking application which takes screenshots on pressing an assigned button and saves them as a PDF file
- Scheduling sending of E-mail using Python
- ShapeDetection for desired shapes (openCV)

## SKILLS

- Proficient in Python
- Proficient in Django/Flask Framework for Python
- Extended knowledge of data structure and algorithm
- Proficient in Database management system (DBMS) and Computer Organisation

## LANGUAGE Skill

- Proficient in C,Python.
- Beginner in java,javaScripts.
- Beginner in Html,Css
- Beginner in REACT.js(javaScript web framework)

## Hobbies

- Competitive Programming on online platforms like HackerEarth, Codechef, SPOJ

