

Kunal Kumar Sahoo

Student, Tinkerer

I am currently a full-time Student and a part-time YouTuber whose main skill-sets are Software Development in Python3 language.



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📅 21 July, 2003

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EDUCATION

Grade 12

Kendriya Vidyalaya No. 1, Gandhinagar

04/2020 - Present

Courses

- Computer Science
- Chemistry
- English
- Physics
- Mathematics

PERSONAL PROJECTS

iCompanion: Assistance Made Simple
(08/2020 - 01/2021)

- A cross-platform Desktop Assistant which automates various tasks and improves the user experience of both Amateurs and Professionals
- Technology used: Python3, MySQL, Wolfram Alpha

e-Piano (04/2021 - 04/2021)

- A virtual simulator for Piano, where audio files are generated using sequence of Piano notes with the help of "Fundamental wave theory".
- Technology used: Python3

Apna Code Editor (03/2021 - 04/2021)

- A simple GUI Code Editor capable of writing, editing and executing Python3 programs.
- Technology used: Python3, Tkinter

Real Time ISS Tracker (12/2020 - 12/2020)

- A GUI Interface to track current location of International Space Station and determine ETA at user's real time location
- Technology used: Python3, APIs

PySQL (02/2021 - Present)

- A simulator for MySQL processes and user-interaction in Python
- Technology used: Python3, MySQL

GUI-Hanoi (12/2020 - 01/2021)

- A visual demonstration of how "Tower of Hanoi" is solved using the concepts of Recursion
- Technology used: Python3, Tkinter, Turtle

Face-Mask-Detection (03/2021 - 03/2021)

- A machine learning project to check whether a person is wearing mask or not.
- Technology used: Python3, Tensorflow, Mobile-Net V2

SKILLS

Python3 C/C++ SQL JSON Git

Arduino Development Raspberry Pi HTML

Problem solving Writing Teaching

Development Linux Public Speaking

3-D Printing

ACHIEVEMENTS

Gold Badge in Python Proficiency (04/2021 - Present)
*I have received Golden badge for Python-proficiency on online platform **HackerRank.com** and have a cumulative rank of **89k***

CERTIFICATES

AI-For-India Event (04/2021 - Present)
*This is the certification of my successful completion of **Face-Mask-Detection System**.*

Robocup Jr Chapter India (12/2017 - Present)
*Represented Gujarat State for development of **automated Rescue-bot***

NATIONAL CYBER OLYMPIAD (2018 - Present)
*Secured **All-India Rank 49***

Merit Certificate for Class 10 (2019 - 2020)
*Secured a full score in Mathematics in **All India Secondary School Examination 2018-19***

LANGUAGES

English
Full Professional Proficiency

Hindi
Professional Working Proficiency

Odiya
Elementary Proficiency

INTERESTS

Programming

Project Development

Teaching

Content Creation