MANAS SINHA

SOFTWARE ENGINEERING INTERN

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PROJECTS

GESTURE CONTROLLED MOUSE POINTER

Tech stack — OpenCV, Python, Landmark Detection

- This program tracks the hand using landmark detection and estimation algorithm in real-time using google's **mediapipe** library and uses the data to reposition the mouse pointer automatically.
- Pyautogui was used to control the mouse pointer.

NEWS FINDER AND TODO APP

Tech stack — Django, HTML, CSS, Python

- A web app that lets you search all relevant news articles based on user preference or entered keywords. The web app also has a to-do feature to add tasks and a notes feature to create notes.
- This app is equipped with **authentication** and new user **registration** functionality.

PORTFOLIO WEBSITE

Tech stack — HTML, CSS, SCSS, GIT

- A front-end heavy personal website for displaying my projects with an aesthetically pleasing UI.
- The website is hosted live on Github pages.
- https://ghostlypresence.github.io/manassinha-portfolio/

SKILLS

COMPETITIVE PROGRAMMING,

C++, PYTHON, HTML, CSS, OPENCV FLASK, ARDUINO, LINUX, DJANGO

EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY, MESRA

 — *B.TECH. IN ELECTRONICS AND COMMUNICATION ENGINEERING*

AUGUST 2018- MAY 2022 [EXPECTED]

GPA: 8.2/10

PARK MOUNT PUBLIC SCHOOL, PATNA — *XIIth*

APRIL 2016 - MARCH 2018

PERCENTAGE:88%

WORK EXPERIENCE

PHYTOON.COM— *Freelance Tech Content Writer*

March 2021 - PRESENT

Weekly articles on various topics.

ABILITY

AI, COMPUTER VISION, IoT, AUGMENTED REALITY, IMAGE PROCESSING

TRAINING AND CERTIFICATION

Computer Vision AtoZ - Udemy

Programming With Python-Internshala