Kartikey Singh

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Education

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| Indian Institute of Information Technology Bhopal | Bhopal, MP |
| B.Tech in Computer Science (9.11 CGPA) | 2023 |
| Central Hindu Boys School | Varanasi, UP |
| PMC (86.80%) | 2018 |
| Swami Harsewanand Public School | Varanasi, UP |
| PMC (10 CGPA) | 2016 |
| Skills and Tools |  |
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Languages: Python, C/C++, SQL, Java

Skills/ Tools : Git & GitHub, DBMS, Linux, OpenCV, Web-Scraping, Tkinter, Problem-solving, OS, AWS

Experience

Systems Engineer at Consultadd

Dec’23-Present

Engineering Dept.

Remote

* Learned AWS Services, ReactJS, Java, Springboot, Flask, Django, JavaScript
* Interaction with consultants and soft skill training

Intern at KreditBee

Jan’23-June ’23

Product & Technology Dept.

On-site

* Worked as Back End Re-engineer on Golang optimization and AWS, etc.
* Merging of various backend files at one place, i.e code-optimization

Online Eduactional Platfrom

[YouTube](https://www.youtube.com/c/KartikeySingh)

YouTube

Online

* Videos of gaming, coding, ethical hacking, etc.
* Channel has over 1lakh views & 240+ subscribers.

Founded Notepad Tricks

[Notepad Tricks](https://www.facebook.com/notepad.tricks.hacks/)

Personal Blog

Website, Facebook Page

* Here I showcase manipulation of computer just using notepad as an IDE.
* Facebook page has over 9.5k likes

Few Projects

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| --- | --- |
| [Sorting Visualizer](https://github.com/kartikeysingh6/kartik_python/tree/master/Sorting%20Visualizer) | Python, Tkinter, Sorting Algorithms | Sep 2021 |

* Developed the visualizer so that people can easily visualize how various sorting algorithms works
* Python’s Tkinter module is used to visually shows how Selection, Bubble, Insertion, Merge and Quicksort works

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| [Perspective Changer](https://github.com/kartikeysingh6/OpenCVProjects/tree/main/PerspectiveChangerv1) | Python, OpenCV, NumPy | Dec 2020 |

* It’s a Python app that uses OpenCV and NumPy module to change the perspective of the desired object rectangular object to a perspective having a POV where all the sides of rectangle are mutually perpendicular
* It has very practical use like in document scanner, when we click photos from undesired perspective we can manipulate it accordingly

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| --- | --- |
| [Gold Price Checker](https://github.com/kartikeysingh6/kartik_python/tree/master/GoldPriceChecker) | Python, Twilio API, File Handling, BeautifulSoup | May 2019 |

* It’s a web scraping app that sends gold rate of given city every specified time as desktop notification, if rate satisfies certain constrains it can send alerts through WhatsApp or SMS

Achievements/Co-curriculars

Selected as Microsoft Learn Student Ambassador

5 star at C++ and Problem Solving(certified) at HackerRank Cyber Olympiad Champion AIR 720 Member at Training & Placement Cell

Solved 500+ Questions with 1600+ rating on LeetCode