

Muditya Raghav

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EDUCATION

GGITS, JABALPUR

B.TECH IN INFORMATION
TECHNOLOGY

2019 - 2023 | Jabalpur(M.P), India
CGPA: 9.2 / 10 (till 7th Sem)

NACHIKETA H.S SCHOOL (12TH)

Jabalpur, India (Grad. 2019)
Class 12th : 69% / 100

ST ANNE'S SCHOOL (10TH)

Bhopal, India (Grad. 2017)
Class 10th : 7.4/10 (CGPA)

SKILLS

PROGRAMMING

Languages:

- C++ • C • Python • Javascript
- Git • HTML • CSS

Technologies:

- Django • Node.Js • Bootstrap
- OpenCV • PostgreSQL • Ubuntu

Familiar:

- REST-API • Lua • Matlab • Socket.io

LINKS

Leetcode: [mudityadev_{leetcode}](#)

Codeforces: [mudityadev_{codeforce}](#)

Github: [mudityadev](#)

LinkedIn: [muditya_{linkedin}](#)

Portfolio: [mudityadev](#)

OPERATING SYSTEMS

- Windows • Ubuntu(Linux)

COURSEWORK

Data Structure

Algorithms

Object Oriented Programming

Database Management

Operating System

Computer Networks

Machine Learning

Web Development

PROJECTS

JUSTWALKOUT | PROJECT | SOURCE CODE

Dec 2020 - Feb 2021 | MICROSOFT Imagine Cup Hackathon 2021

- Designed and developed a web application using Django(python3), OpenCV and PostgreSQL database
- Implemented Virtual Cart Management using Hashmaps(Python Dictionaries)
- Enabled Face Register Feature using OpenCV and Face Recognition Library
- Utilized HTML, CSS, and Bootstrap to have a user-friendly front end.

LANE LINE DETECTION | PROJECT | SOURCE CODE

Jun 2020 - Jul 2020 | Jabalpur, India

- Implemented Color Selection, Region of Interest Selection and Grayscale detection feature using Opencv and python.
- Using Canny Edge detection Region of Interest - 4 Sided polygon to Mask and Notify driver when driver not paying attention
- Jupyter Notebook and OpenCV as a framework is used in Backend.

ACHIEVEMENTS

DEVELOPMENT | PARTICIPATED IN 10+ HACKATHONS AND CONTESTS

- 5th Position in State Level Hackathon (M.P) 2021
- 6th Position in Semi-Final Smart India Hackathon 2020
- 7th Position in Bhopal Hackathon 2019
- Participate in bug bounty program by Paypal (HackerOne).

PROBLEM SOLVING | GFG | LEETCODE | CODEFORCES

- Ranked 3595 out of 24000+ participants in Leetcode Weekly Contest 298, 19 June 2022
- Solved 200+ problems on Leetcode and GFG.

OTHER ACHIEVEMENTS

- 2022 Published 2 Research Paper on SLAM and Path Planning techniques
- 2021 Patent on software-based to detect a person in low illuminated space
- 2021 Recognition in naidunia newspaper for work in Smart Traffic System
- 2020 Taught C/C++ to 1st Year Students

CERTIFICATES

- 02/2021 - 03/2021 Python for Machine Learning
- 02/2020 - 04/2020 CPA: Programming Essentials in C++
- 03/2020 - 04/2020 PCAP: Programming Essentials in Python
- 03/2020 - 05/2020 Cybersecurity Essentials