

Muditya Raghav

Autonomous System | Machine Learning | Web Technologies |Blockchain

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EXPERIENCE & PROJECTS

JUSTWALKOUT | CASHIERLESS CHECK- OUT STORE

Imagine Cup 2021 [Microsoft]

November 2021 - March 2021

Thus JUSTWALKOUT store tries to bring the smooth, fast purchasing experience of e-commerce to the retail store – and without the restriction of a payment interface.

Face Mask Detection — GGITS

June 2020 - July 2020

During the Covid-19 Pandemic, I built the face mask detection software for student and college staff using OpenCV and a custom object detection model.

Lidar Obstacle Detection and Visualization -

March 2020 - May 2020

Point Cloud Data is processed using the [PCL library](#) and Knn to separate the object and OpenGL for visualization.

Smart Traffic Monitoring System — Bhopal Hackathon

November 2019 - December 2019

STMS build using OpenCV and Object Detection Model and Tesseract OCR

Video-based Dynamic Human-Authentication System for Access Control — Smart India Hackathon [Team Leader]

November 2019 - January 2020

Build using Django, PostgreSQL, OpenCV, and Knn Algorithm (Face Recognition) with other tech stacks like bootstrap, CSS, Javascript.

EDUCATION

Gyan Ganga Institute of Technology and Sciences

Jabalpur[M.P] — *B.Tech [3rd Semester, IT Branch]*

August 2019 - Current

Currently pursuing B.Tech from GGITS (Jabalpur) with a current CGPA of

SKILLS

Programming
Language: Python, C++

Web Development:

1. Django Web Framework
2. frontend Technologies
3. PostgreSQL
4. API (REST + GraphQL)

Computer vision:

OpenCV and Deep Learning Frameworks

Experience with working in Linux

Quick Learner

Blender (Basic)

AWARDS & ACTIVITIES

1. 6th Position in Semi-Final Smart India Hackathon 2020
2. 7th Position in Bhopal Hackathon 2020
3. Experience in working with a core member of the team.
4. Overall 9.02 CPGA till now in B.Tech[IT].

LANGUAGES

9.02 apart from academics I am currently enrolled in Udacity's Nanodegree programs like C++, sensor fusion, and Self Driving Car.

English and Hindi

Also, have to participate in many Hackathons and Competitive competitions, recently Smart India Hackathon and Srijan 2020.