Yagyesh Sahu
UG 3rd Year
SGSITS, Indore
D.O.B : 2003-09-09
Email ID : yagyesh.sahu.993@gmail.com

Enrollment No. 0801IT221144
Department - Information Technology Engg.
Gender : Male
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Degree / Certificate	University / Board	Institute / School	Year of Passing	CGPA / Percentage
Graduation	RGPV, Bhopal	SGSITS, Indore	2026	6.9
12th	MP Board	Govt. Excellence School of Sagar	2021	93%
10th	MP Borad	Govt. Excellecne School of Sagar	2019	93.8%

Work Experience

Autonomous Mars Rover Development   Dec'23 - April'24

- Collaborated as part of the tech team "Dhoomketu" in the development of an autonomous Mars rover for the ISRO IRoC-U 24 competition.
- Contributed to ROS2 , Gazebo , All Electronics Work & components selection , Power Management.
- Implemented Full hardware of Robotic Arm of 4 DOF with simulation and design on SOLIDWORK,.
- Implemented a Desktop Application using Python PyQT5 for Base Station and establish socket protocol for communication. Achieved 31st place in the live demonstration phase

Web development   June'24

- Completed a summer internship focused on Web Development.

- Implemented responsive web.

Technical Projects

Smart Vision Quality Control System   Sept'24

- Participated in the GRID 6.0 competition, focusing on developing a smart quality test system using camera vision technology for India's leading e-commerce company.
- Designed a system capable of assessing shipment quality and quantity with high accuracy.
- The project involved advanced image acquisition, preprocessing, feature extraction, and real-time feedback mechanisms.
- Utilized machine learning models to enhance detection and classification accuracy, contributing to a scalable and efficient quality control solution for high-volume operations.

Recognition System   July'22

- Developed a machine learning model for real-time sign language recognition, utilizing Python, and key frameworks such as OpenCV, TensorFlow, Keras .
- The system accurately detects and classifies human by faces and differentiate also detect object at same time.
- Focused on optimizing face recognition algorithms, improving model accuracy, and integrating real-time video processing for practical application.

Web Application   Aug'23

- Designed and developed a full-stack multiplayer chess website, featuring a dynamic frontend built with HTML, CSS, JavaScript, and React.js.
- Implemented a robust backend using Node.js and Express.js, with MongoDB for database management.
- Integrated communication between players using Socket.io, ensuring a seamless.
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Technical & Non-Technical Skills

- **Operating Systems**   : Windows, Linux, MacOS, ROS
- **Programming Languages**   : Python, C/C++, Java, JavaScript, R
- **Developer Tools and Platform**   : Docker, Azure, Cloudflare, Git
- **Frameworks and Technologies**   : ReactJS, Node.JS, SQL, MongoDB, Tensorflow, Opencv,
- **Soft Skills**   : Problem Solving, Leadership, Time Management, Persistence

Positions of Responsiblity

Founder Team Member - Dhoomketu SGSITS   Dec'23
Technical Member – Team GS Motorsports SGSITS, Indore   Nov'22
Technical Member - SGSITS Robotics Club   Oct'23

स्थायी लेखा संख्या कार्ड
Permanent Account Number Card

NTIPS7963C

नाम/ Name
YAGYESH SAHU

पिता का नाम/ Father's Name
DEVILAL SAHU

जन्म की तारीख /
Date of Birth
01/01/2002

09012021

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भारत सरकार
Government of India

भारतीय विशिष्ट पहचान प्राधिकरण
Unique Identification Authority of India

नामांकन क्रम/ Enrolment No.: 0515/10243/01906

To
यग्येश साहू
Yagyesh Sahu
C/O: Devilal Sahu,
Lambakheda bersia Road,
VTC: Huzur,
PO: M.I. Nagar,
Sub District: Huzur,
District: Bhopal,
State: Madhya Pradesh,
PIN Code: 462038,
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Signature Not Verified
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AUTHORITY OF INDIA 05
Date: 2024.
GMT+05.30

आपका आधार क्रमांक / Your Aadhaar No. :
4344 5386 4250
VID : 9152 5826 9808 1141

मेरा आधार, मेरी पहचान

भारत सरकार
Government of India

यग्येश साहू
Yagyesh Sahu
जन्म तिथि/DOB: 09/09/2003
पुरुष/ MALE

Aadhaar no. is issued: 04/12/2012

आधार पहचान का प्रमाण है, नागरिकता या जन्मतिथि का नहीं ।
इसका उपयोग सत्यापन (ऑनलाइन प्रमाणीकरण, या क्यूआर कोड/
ऑफलाइन एक्सएमएल की स्कैनिंग) के साथ किया जाना चाहिए ।
**Aadhaar is proof of identity, not of citizenship
or date of birth.** It should be used with verification (online
authentication, or scanning of QR code / offline XML).

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मेरा आधार, मेरी पहचान