SAHIL NAYAK

PROGRAMMER

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SKILLS

- Python coding language and frameworks (Django and Flask)
- C++ programming language
- Data Analysis (Pandas, matplotlib, etc)
- Problem-Solving and critical-thinking abilities
- Object Oriented Programming (OOPs)
- SQL - MySQL
- Data Base Management System
- Data Science
- AI/ML - OpenCV, Image Processing
- Frontend - HTML5, CSS# and JS
- Communication and Analytical Skills

EDUCATION

SECONDARY SCHOOL

Shri Vardhman Vidyalaya

2010 - 2014

BACHELOR OF TECHNOLOGY

Indian Institute of Technology Gandhinagar

Branch -

- Computer Science and Engineering
- Chemical Engineering

2020 - current

PROFILE

I am a 3rd-year undergraduate at IIT Gandhinagar. I am a professional programmer. I love maths, solving problems, and critical thinking. I am flexible and quick in learning anything and responding to the problem statement. My interest is in Computer vision and Data Scientist. I'm looking for an internship position that will allow me to make the most of myself and polish my strengths by working with people who have expertise in this sector to develop my analytical and teamwork skills.

EXPERIENCE

ASSISTANT RESEARCHER (SUMMER INTERN)

Indian Institute of Technology Gandhinagar

2022, May - 2022, July

- Study the research paper and solve the problem of WWM - Waste Water Management.
- Applying IoT in the solution that has been proposed.
- Apply your proposed solution to the Campus assuming the campus is a small city.

ROBOTICS CLUB MANAGER

Indian Institute of Technology Gandhinagr

2020 - 2022

- Teaching basics of Programming(C++) and Robotics
- Making various projects on Arduino and OpenCV.
- Taking various workshops on AI - OpenCV and Image processing.

PROJECTS

DOCUMENT SCANNER [Python - OpenCV, Image Processing]

2021

- Detect/Scane the image and convert the image into a document and PDF through various operations using OpenCV
- We have used the OpenCV library of Python which helps in detecting and performing various operations with the space of the image.
- OpenCV is tool used for various AI/ML project.

oCEO Data-Base designing and management [Python, SQL, Data Base Management system]

2023

- We have to develop the oCEO positions database of our Institute.
- We collected various data and arrange them in various manners and then make an ER diagram.
- Then we made the schema and whole data base using MySQL i.e. we made the Back-End.
- Then we made a Front-End to display our data using web development.