

# Sanjay Singh Patel

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## LINKS

GitHub:// [sanjay-singh-patel](#)  
LinkedIn:// [sanjay-singh-patel](#)  
Leetcode:// [sanjay\\_singh\\_patel](#)

## SKILLS

### • LANGUAGES:

- Python
- JAVA
- C++
- HTML, CSS
- SQL

### • FRAMEWORK & TECHNOLOGIES:

- Django
- git/GitHub
- Open CV
- Spreadsheets

### • SOFT SKILLS:

Leadership, Team & Event  
Management, Problem Solving,  
Critical Thinking, Time  
Management

## COMMUNITY / CLUBS

### GITHUB CAMPUS PARTNER

May 2021 - May 2023

### CORE TEAM MEMBER

### UNSTOP IGNITER CLUB

Feb 2022 - May 2023

### LEAD IGNITER

### ROBIN HOOD ARMY

May 2020 - Present

## CERTIFICATIONS:

### AWS ACADEMY CLOUD FOUNDATIONS

Nov 2021

### GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATE

## EDUCATION

### B. TECH IN COMPUTER SCIENCE ENGINEERING

Global Nature Care Sanghathan Group Of Institutions

May 2023 | Jabalpur, India

CGPA: 9.15 / 10.0

### HIGHER SECONDARY EDUCATION

St. Aloysius Sr. Sec. School, Polipathar

May 2018 | Jabalpur, India

Percent: 79.6 / 100

### HIGHER EDUCATION

St. Aloysius Sr. Sec. School, Polipathar

May 2016 | Jabalpur, India

CGPA: 9.2/10

## EXPERIENCE

### GRAPHIC DESIGN INTERN | THE SCHULE

Oct 2020 - Apr 2021 | (Work From Home) Pune, Maharashtra

- Manual Testing for Mobile Application, reported design issues.
- Created Videos and info graphics for Social Media Marketing which increased followers and click through rate by 80 %.

## PROJECTS

### SKIN CANCER DETECTION USING MACHINE LEARNING ALGORITHMS

April 2023

- Created various **ML** models using ISIC 2020 and HAM10000 dataset and did accuracy analysis.
- Deep Learning models were found to be more accurate. The **VGG-16** model had an accuracy of **92.13%**.
- Created a Flask Application to predict using the **VGG-16** trained model.

### INDOOR NAVIGATION

March 2022

- Created an app that would allow users to navigate inside a building using GPS and **QR-Codes**.
- A full stack software with **Python** as backend, **HTML, CSS, JavaScript, OpenCV**, path-finding implemented with python, and the JSON routes were shared via a Web Application and FastAPI.

### VEHICLE TRACKING SYSTEM

August 2021

- Created a real-time system in **Python** using **OpenCV** to take in video input and count the number of vehicles passing through any intersection, this can be useful in tracing stolen vehicles.

## ACHIEVEMENTS / HACKATHONS

2022	<b>SIH</b>	2nd rank in college level
2019	<b>IIITDM</b>	Hackdoomna - 48 hour hackathon
2019	<b>GNCSGI</b>	Quiz Competition Winner
2019-20	<b>GNCSGI</b>	Batch Topper

