



Manish Singh

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New Delhi, India

Strong in design and integration with intuitive problem-solving skills. Proficient in C, C++ and Python. Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions. Looking to start the career as an entry-level software engineer with a reputed firm driven by technology.

EDUCATION

B.Tech(Electronics and Communication)

Krishna Engineering College

2019 - 2023

69% (till 6th semester)

Intermediate

Nav Uday Convent Sr. Sec. School

2018 - 2019

70%

High School

The Dev Public Sr. Sec. School

2016 - 2017

93%

PROJECTS

Squat Counter (2022)

- Created AI powered Squats Counter using pose estimation to assist with self workout.
- Used mediapipe and Python to detect different poses from webcam feed.
- Rendered the results to the screen using OpenCV.
- Calculated the joint angles by extracting the joint co-ordinates

E-Cycle

- Made an E-Cycle with some advanced features like antitheft and parental control.
- Worked on the anti-theft and battery management part in the product.
- Anti-theft was a basic RF-ID lock.
- Also used IoT for sending alerts to the user in case of security threat.
- To reduce the cost consumption, created the battery on our own. Also used battery management system to increase the battery life

CERTIFICATES

Machine Learning with Python

NIELIT, Haridwar

10/2021 - 11/2021

Completed certification for Machine Learning with Python from NIELIT, Haridwar

MATLAB Onramp

Mathworks

07/2021

Completed certification for basics of MATLAB from Mathworks

Signal Processing (07/2021)

Mathworks

07/2021

Completed certification for signal processing from Mathworks

SKILLS

Problem Solving

Team Player

DSA

Coding

OpenCV

HTML

CSS

PROGRAMMING LANGUAGES

C, C++, Python, MATLAB

ACHIEVEMENTS

Patent Publishes for Ideation (E-cycle)
(02/2021)

Filed patent for the E-Cycle project. Application Number - 202211005

Received Silver star for C language (2021)

Hackerank

Reached level 5 In Code Studio (2022)

Code Studio

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Gaming

Music