



Shubham Singh

Artificial Intelligence Enthusiast

To obtain a challenging position that fully utilizes my skills and provides me with suitable opportunities to grow my technical and communication skills which would help me as a fresher to grow while working towards the organizational goals.

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EDUCATION

B. Tech.

PSIT College of Engineering, Kanpur

08/2019 - Present

Aggregate: 66.97%

Courses

- Electronics and Communication Engineering

Intermediate

Lucknow Public School, Lucknow

04/2018 - 03/2019

Aggregate: 73.3%

High School

Lucknow Public School, Madhoganj

04/2016 - 03/2017

Aggregate: 85.33%

PROJECTS

AI self Driving cars -(Ongoing Project)
(07/2022 - Present)

- In this project, Car is connected to all the sensors and collects input from Google Street View and video cameras inside the car. The AI simulates human perceptual and decision-making processes using deep learning and controls actions in driver control systems, such as steering and brakes.
- This system is responsible for environment perception i.e. being aware of the environment. As the data from the single sensor or single type of sensor is not reliable, this system contains multiple sensors like camera, lidar, radar, sonar, etc. Camera, Lidar, and Radar are the most widely used sensors in self-driving cars.
- **Role:-** Analysis and Designing
- **Technology:** Python, AI

IOT based Health Monitoring System
(04/2021 - 05/2021)

- This is an IoT device could read the pulse rate and measure the surrounding. It continuously monitors the pulse rate and surrounding temperature and updates them to an IoT platform.
- **Role:** Team Leader
- **Technologies Used:** Thinkspeak, C programming, Arduino, Wifi.

Voice Controlled Home Automation (01/2021 - 02/2021)
[🔗](#)

- Home automation is highly reliable system for controlling electrical appliances.
- The main aim to make a mini and cost effective device, using microcontroller and basic C programming.
- This device consists an Arduino Uno, HC-05 Bluetooth module and a software Arduino IDE.
- **Role:** Team Leader
- **Technologies Used:** C programming, Arduino, Bluetooth.

SKILLS

Python

C/c++

Data Structure

Arduino

OOPs

Problem Solving

Database Management system

IOT

Software development

Analytical skills

ACHIEVEMENTS

Google Codejam 2022 [🔗](#)

Secured a Global Rank 7523 and National Rank 2466 in Google Codejam

Qualified Infyqt (03/2022 - Present)

Participated in Infosys Infyqt competition.

Solved 500+ Problems on various platforms [🔗](#)

Some platforms are Leetcode, Hackerrank, HackerEarth, CodeChef, GFG etc.

SUBJECT OF INTEREST

Database management system, Data Structure and Algorithms

CERTIFICATES

Data Structures (01/2022 - 02/2022) [🔗](#)

Issued by Coursera

National conference on Recent advances in electronics under TEQIP-III (01/2021 - 02/2021) [🔗](#)

Issued by IET, Agra

Programming for Everybody (Getting Started with Python) (07/2020 - 09/2020) [🔗](#)

Issued by Coursera

The Arduino Platform and C Programming (07/2020 - 09/2020) [🔗](#)

Issued by Coursera

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Exploring ideas

Innovation

Modern technology