

## EDUCATION

<b>Masters in Technology in Computer Science</b> , International Institute of Information Technology, Hyderabad	<b>2021-Present</b>
<b>Bachelors in Technology in Computer Science</b> , Jaipur Engineering College and Research Centre, 71.3 percent	<b>2017 - 2021</b>
<b>Class 12th</b> Central Board of Secondary Education, 92.6 percent	<b>2017</b>
<b>Class 10th</b> Indian Certificate of Secondary Education, 88 percent	<b>2015</b>

## PROJECTS

### EASYDB

- Created a Natural Language Interface to Database System using Python's "Spacy" library for Natural Language Processing to convert English text to SQL queries using techniques like tokenization, lemmatization and part of speech tagging. The SQL query generated was used to fetch results from MySQL database deployed on Google Cloud Platform. **GITHUB:-** <https://github.com/sharma18yash/chatBot-sql>

### MY CART

- An E-commerce website made using Python's Django web framework, with bootstrap and Jinja template for the frontend and PgAdmin 4 Database for the backend completed with Paytm Payments API. **GITHUB:-** <https://github.com/sharma18yash/mycart>

### GREEN CORRIDOR

- Green Corridor got selected in the prelims of SIH-2020. It aims at providing a traffic-free passage to emergency vehicles. It makes use of multiple Google APIs like Places and Maps to save the real-time location of the emergency vehicle and send it to a real-time Firebase server. The Firebase server is connected to a web-based application. It also makes use of technologies like AI and Machine Learning to track traffic in real-time. **GITHUB:-** <https://github.com/sharma18yash/my-application3>

### SOLAR SHARE

- The project Solar Share aims at connecting home owners with solar panels and E-vehicle owners' in order to develop Electric Vehicle charging infrastructure. This is done by the use of NEO-6M GPS module and SIM 900A, for GPS location and internet connectivity respectively, both connected to a Node MCU which is capable of computing as well as sending data to an Amazon's cloud EC-2 instance.

## INTERNSHIPS AND TRAININGS

<b>Intern</b>	<b>Jun 2019 - Jul 2019</b>
LinuxWorld Informatics Pvt. Ltd. Worked on technologies like Ansible, Containers(Docker), Computer Vision and BigData (Hadoop), wrote Ansible scripts to automate RedHat linux configuration process and configured hadoop server.	

## TECHNICAL SKILLS

<b>Languages</b>	Python, C++
<b>IT Constructs</b>	DSA, OS, DBMS
<b>Technologies</b>	Backend Web Development(Django), Ansible, RedHat Linux

## CERTIFICATIONS

- RHCSA(Red Hat Certified System Administrator) (ID: 190-156-992)**
- Red Hat Certified Ansible Specialist (ID: 190-156-992)**
- Machine Learning Foundations: A case study approach (By University Of Washington on Coursera)**

## AWARDS & HONORS

- Bagged 6th position in JECRC Hackathon 3.0 and our project was selected in SIH-prelims**
- 3 stars on Code chef.**
- 100+ questions solved on LeetCode**