

# Sajal Gupta

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## Skills

<b>Programming</b>	C/C++, Python, Java, MATLAB
<b>Web</b>	HTML/CSS, JavaScript, Bootstrap, Django, AWS
<b>DBMS and Operating System</b>	MySQL, Mac OS, Windows
<b>Tools</b>	TestNG, Selenium, Protractor, Eclipse IDE

## Work Experience

### Intern -HCL INFOSYSTEMS LTD.

Noida

SOFTWARE FOR MANAGEMENT OF DRONES

Dec 2018 – Jan 2019

- HCL Infosystems Ltd is a premier Distribution, IT Solutions, Electronics Components and Service Company.
- I worked as software developer in the organization. I learned lot of skills and concepts of Physics applied in real life, and also worked on new technologies during this period.
- Automated a software for maintaining and monitoring the Drone's speed, distance at which it is flying, and the software checked for any damage or unusual behaviour if found, in drone for maintenance purpose.
- Also contributed in developing the Front End for the software.
- Technical Stack Used: HTML/CSS, Java, JavaScript, Eclipse IDE, IoT and Physics concepts.

### Intern -Harman Connected Services Pvt. Ltd.

Gurugram, India

SOFTWARE FOR BINDING SENSORS FOR CONVEYOR BELTS

Jun 2019– Aug 2019

- Developed the Front end interface of the main project 'IoTrust Security Platform'
- The software managed big systems and machines like conveyor belts as Conveyor belts include sensors and their readings gets live updated in the software.
- I learned Selenium, Protractor and TestNG as well to automate test cases in the software.
- Created testcases for troubleshooting problems.
- Technical Stack Used: Python, Java, HTML/CSS, Django JavaScript, Protractor, TestNG, Selenium.

## Education

### Delhi Technological University

New Delhi

B.TECH IN ENGINEERING PHYSICS(EP)

2017 - 2021

- CGPA - 8.85 (till 5th semester)

### Indraprastha International School

New Delhi

HIGH SCHOOL

2014 - 2016

- CBSE (Class XII) - 93.8 percent
- CBSE (Class X) - 10 CGPA

## Projects

### Training and Placement Website (TnP)

Github

DELHI TECHNOLOGICAL UNIVERSITY

- Developed the website of Training and Placement cell for Delhi Technological University.
- Technology Used: HTML/CSS, JavaScript, Sass

### Covid-19 Tracker Website

Github

HTML/CSS, JAVASCRIPT

- A website that extracts current information from API and loads into a cleaner and user-friendly Front-End interface .
- A moving transitional images background implemented using 'keyframes', seems like a video background.
- Updates the current data of all the countries.

### Weather Application Website

Github

HTML/CSS, JAVASCRIPT

- A website coded in HTML5, CSS3 and JavaScript that shows the current temperature of any country with a cleaner and user-friendly interface.
- It fetches the current weather data and climate details from an API , from <https://api.openweathermap.org> and API fetching is done under JavaScript.

## E-Summit Website

[Github](#)

DELHI TECHNOLOGICAL UNIVERSITY

- Developed the website for the E-Summit- Startup weekend held every year.
- Technology Used: HTML/CSS,JavaScript

## E-Cell Website

[Github](#)

DELHI TECHNOLOGICAL UNIVERSITY

- Created the website of the E-Cell - Delhi Technological University.
- Technology Used: HTML/CSS,JavaScript

# Position of Responsibility

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## TECHNOLOGY - HEAD

[New Delhi](#)

E-CELL DTU

[May 2019 \(Present\)](#)

- Worked In E-Cell DTU as a Designer and Web Developer.
- Currently Developing The Official Website of E-Cell DTU, Official Website of E-Summit (Annual Event of E-Cell DTU).

## TECHNOLOGY - COHEAD

[New Delhi](#)

E-CELL DTU

[May 2018](#)

- Worked In E-Cell DTU as a Designer and Web Developer.
- I made the efforts to manage a crowd of around 500 attendees at the regular events.

## Graphic Designer

[New Delhi](#)

ENGIFEST-2018

[May 2018 \(Present\)](#)

- Designed various posters for the events which happened in Engifest 2018 - the annual cultural festival of DTU.

## Head-Boy, the student head of the school

[New Delhi](#)

INDRAPRASTHA INTERNATIONAL SCHOOL

[2016](#)

- Managed the Events and Academic fests including the annual day celebration.

## Core Team Member

[New Delhi](#)

PYDATA DELHI

[May 2018 \(Present\)](#)

- PyData conferences bring together users and developers of data analysis tools to discuss how best to apply them, to meet evolving challenges in data management and visualization.
- I made the efforts to manage a crowd of around 280 attendees at the Annual PyData Conference 2018 where National as well as International Speakers gave novice talks to help the members know more about Data Science.

# CourseWork

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## CURRICULUM AND SELF LEARNING

**Algorithmic ToolBox- Coursera,**  
**Data Structures- Coursera,**  
**Object Oriented Programming,**  
**Operating Systems,**

[Github](#)

[Github](#)

# Honors & Awards

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## EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

**Awarded the Scholarship for excellence in Class 12th Boards Exam, 2016**

[New Delhi,India](#)

**Awarded the Scholar Badge for excellence in Class 10th Exam, 2014**

[New Delhi,India](#)

**Member of School Band and Rhythm Guitarist in my School band, 2013-2016**

[New Delhi,India](#)

**Won 1st Prize in Bal Bharti Public School for Band Performance in their annual fest, 2015**

[New Delhi,India](#)

**Awarded silver medal in inter-school Swimming competition, 2015**

[New Delhi,India](#)

**Won various other awards in inter-school competitions for Basketball, 2013-2015**

[New Delhi,India](#)