

# Medha Gupta

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## EDUCATION

### Maharaja Agrasen Institute Of Technology

B.Tech.(Information Technology), CGPA:7.8

Delhi, India

Aug 2016 - Nov 2020

### Rose Mary Convent School

XII, Percentage:76.2

Bathinda, India

2014 - 2016

### St. Xavier's Senior Secondary School

X, CGPA:9.6

Bathinda, India

Till 2014

## SKILLS

- **Languages:** HTML, CSS, Python, SQL, Java, Javascript
- **Operating System:** Windows, Linux
- **Tools and Technologies:** Figma, Lucid Charts, Advanced Excel, Microsoft Office, Power BI, Tableau, Adobe Illustrator, Adobe Photoshop, Bootstrap Studio, Justinmind(Prototype Tool), JIRA, Confluence
- **Others:** Project Management, Business/Data Analytics, Web Development, Agile and Scrum Methodologies, DBMS, Cloud Computing

## EXPERIENCE

### SHL

Business Analyst

Gurgaon, India

December 2020 - Present

#### ◦ SHL works in the HR industry. :

- \* Take ownership of personal performance, improvement and development plan, ensuring regular reviews with team manager are carried out.
- \* Worked closely with Product Manager, software development, UX and testing team to maintain optimum levels of communication to effectively and efficiently complete projects.
- \* Used critical thinking to break down problems, evaluate solutions and make decisions.
- \* Worked in Agile-driven environment to effectively maintain project timelines and utilize available resources.
- \* Compared project goals and user experiences and recommended revisions to bring entities into alignment.
- \* Created user-stories for project on JIRA and prototypes using figma.
- \* Participated in continuous improvement by generating suggestions, engaging in problem-solving activities to support teamwork.
- \* Proved successful working within tight deadlines and fast-paced atmosphere.
- \* Used Microsoft Word and other software tools to create documents and other communications.

### Siemens - Dresser Rand India

Technical Intern

Gurgaon, India

January 2020 - July 2020

- **Worked with Siemens-Dresser Rand at its Gurgaon unit as an Intern:** Worked with APEX team, Supported team needs with communication, prototyping and research abilities. Carried out day-day-day duties accurately and efficiently. Participated in continuous improvement by generating suggestions, engaging in problem-solving activities to support teamwork.

### KDE-SOK2020 : Open Source Contribution

App Development

Remote

January 2020 - February 2020

- **Plasma Mobile: [Nextcloud contacts integration](#):**

Added edit contact functionality to enable users to edit contacts synced from Nextcloud account using Plasma-Phonebook app. This will reflect the changes in the Nextcloud account and also in our phonebook using Qt, C++ and sink API

### Katsam Private Media

Web Development

Remote

June 2019 - July 2019

- **Built website :** <https://shinxindia.in>:

Worked on building the front end of the website using HTML, CSS, JS and deployed blogs using LARAVEL framework. Took concepts and produced design mockups and prototypes to strengthen designs, enhance user experiences and improve site interactions.

## PROJECTS

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- **Object Detection using YOLOv3(Python, PyTorch, OpenCV, CNN)**: Used for detecting and counting number of various types of vehicles including cars, trucks and bicycles in images and videos. Developed using PyTorch library and YOLOv3 Object detection model and can be used for real-time surveillance. The model performed much better in daylight conditions than in night and twilight conditions
- **Plasma Mobile: Nextcloud contacts integration(Qt, C++, knowledge of Sink API)**: Added edit contact functionality to enable users to edit contacts synced from Nextcloud account using Plasma-Phonebook app. This will reflect the changes in the Nextcloud account and also in our phonebook.
- **COVID19 Data Analysis using Python**: Worked with COVID19 dataset, published by John Hopkins University, which consist of the data related to cumulative number of confirmed cases, per day, in each Country. Also worked on another dataset consisting of various life factors, scored by the people living in each country around the globe. At the end merge these two datasets to see if there is any relationship between the spread of the virus in a country and how happy people are, living in that country.
- **Air Pollution Monitor and Control(HTML, CSS, Bootstrap, jQuery, JavaScript, Django)**: Web Application to monitor Air Pollution on the basis of Air Quality Index(AQI) using Heat maps and ranking of cities and states for government and citizens.
- **<https://shinxindia.in> (HTML, CSS, Javascript, Php using Laravel Framework)**: ShinX India continuously strives towards expanding learning curve of children by creating personalized learning experience.

## ACHIEVEMENTS

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- Led a team to **top ten** out of thousands of participants in 72-hours Green-a-thon, 2018 held in Jaipur by Govt of Rajasthan
- Contributed to Open source and successfully passed Season of KDE - 2020 Students program.

## ROLES AND RESPONSIBILITIES

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- **Organising Head, Annual Volleyball Tournament 2017** Worked as organizing committee of Volleyball Tournament
- **Executive Head, IOSD MAIT : Official Technical Society of MAIT** Worked as organizing committee of the technical fest held in April.
- Been a part of LFT(Leaders for Tomorrow) programme. Organised and participated in different events.