

# Dipali Gupta

Hyderabad, India

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## ACADEMIC DETAILS

Qualification	Institute	Board/University	Year	Percentage/CGPA
MCA	University of Hyderabad	University of Hyderabad	2020	8.68 cgpa
BCA	BIT Mesra	BIT Mesra(Deemed University)	2017	8.73 cgpa
Intermediate	D.A.V. Barkakana	CBSE	2014	89 %
Matriculation	D.A.V. Urimari	CBSE	2014	9.6 cgpa

## WORK EXPERIENCE

- **Engineer at Svaya Robotics.(Jan 2020 - Present)**  
As a engineer, my task is to develop a web application to operate 6-axes and 7-axes collaborative robots. The application is mainly using MERN stack as well as other javascript APIs.
- **Codosapiens : An initiative of Knowledge Sharing at University of Hyderabad (July 2019 - June 2020)**  
At Codosapiens, we used to conduct technical lab sessions on different computer science related topics like git,python,linux etc.

## PROJECTS

- **Creating an web application for operating the collaborative robot(2020-Present)**
  - \* Created a 3D simulation of collaborative robot the simulates the operation of real cobot. It is also used to virtually test the operation of cobot before hand to avoid risks.
  - \* Implemented the websocket client and various UI components to control the movement of robot .  
- Three.js ,React.js, Express.js, MongoDB, Node.js, Websockets, Html, CSS, REST Api
- **Created an web Application for ventilator(Aug 2020 - Oct 2020)**
  - \* This application displays patients status like breathing with real time charts and real time websockets,prescriptions prescribed, active prescription times - Chart.js ,React.js, Express.js, MongoDB, Node.js, Websocket, Html, CSS, REST Api
- **ToDo-App (2020)**
  - \* It was a web development project.In this project I created a simple to-do application using React.js. (<https://dipali1357.github.io/todoapp>).
- **Django Blog App (2019)**
  - \* Implemented the CRUD operations in django where an author can create, delete and update a post and a user as a reader can only read the posts.
- **Web Development Using Php (May - June2019)**
  - \* This was part of an web development course, In this my task was to develop an NGO website using html, css, javascript and php.

## TECHNICAL SKILLS

- **Programming Languages:-** C++, Python, Javascript
- **Libraries:-** React.js, Three.js, Chart.js, Numpy.
- **Web Technology:-** HTML, CSS, JavaScript, Django, Php, Node.js, REST Api
- **Database:-** MySQL, NoSQL(MongoDB)