

# Sayak Dhar

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## SUMMARY

Efficient Computer Science and Engineering major currently attending Vellore Institute of Technology. Frequently praised as hard-working by my peers. I can be relied upon to help your company achieve its goals.

## EDUCATION

**B.Tech, Computer Science and Engineering**  
VIT University, Chennai, India **8.42 CGPA**

**Graduating on July 2021**

**Army Public School Barrackpore(CBSE-79.0%)**

**Graduated on June,2017**

**Aditya Birla Vani Bharati Rishra (WBBSE-86.71%)**

**Graduated on June,2015**

## TECHNICAL SKILLS

**Programming:** C, C++.

**Scripting Languages:** Python,SQL, Javascript , HTML, CSS, PHP

**Technologies and Softwares:** Machine Learning and Data Visualization with Python, Deep Learning, Hadoop, Ansible, Docker , Linux, AWS, Tableau, OpenCV.

**Other:** Microsoft PowerPoint, Microsoft Word

## ACADEMIC PROJECTS

- **Summer Internship, LINUX WORLD INFORMATICS PRIVATE LTD.** **05/2019-06/2019**  
Learnt to work with technologies like Hadoop,Docker,AWS,Ansible,Red Hat Linux,Cloud and developed an industrial automation software which automates configurations of the above technologies and sets up my own cloud services like Saas,Paas,Iaas, and Caas.
- **MED-D.**  
"MED-D" is a product that would help increase the retails of a medicine shop by connecting various retailers of a locality and providing medicine to customers in no time. It's a web portal built using HTML,CSS,PHP,MySQL, Javascript and Machine Learning Algorithm.  
(Website link: <https://med-d.000webhostapp.com/>)
- **Frost Automation Tool.**  
The whole project is developed for automating all the near possible trending technologies in one go. The whole project is authenticated by a stellar authentication page that will be unlocked only by the user's faceprint with the use of LBPH algorithm. Mainly uses Ansible, HTML, CSS and Deep Learning.
- **DUPLEXA.**  
The proposed application aims at converting sign language into human readable format (as subtitles) and projects it directly to our eyes/spectacles. This enables a person, who's otherwise not acquainted with sign lexicons to understand a dumb person  
Python,OpenCV,Deep Learning(PyTorch),sklearn and Machine Learning.

## CREDENTIALS AND LICENCES

- **Red Hat Certified System Administrator on RHEL8**
- **Red Hat Certified Specialist in Ansible Automation**

## HONOURS AND AWARDS

- **Got the runner's-up award in the Hackathon organised by VALEO and QUBIT in our college for the DUPLEXA project.**

## ACTIVITIES

- Involved in photonics society as a member of **SPIE Club**.
- Participated in Facebook Developer Circle Chennai's NodeJS and ReactJS Workshop.
- Organized the event of **International Language day** at our college.
- Represented my house(team) in quiz contests at school.