



Sahil Kumar

B.Tech - Computer Science Engineering

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Educational Qualification

• Graduation

SEM	1	2	3	4	5	6	7	8
SGPA	7.76	8.23	6.95	8.63	7.27	8.27	7.29	
CGPA	7.76	7.97	7.63	7.9	7.78	7.86	7.78	

• Higher Secondary & Secondary

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2020	Class XII	CBSE	90.8
2018	Class X	CBSE	75.8

Academic Achievements

- Scored 95 in physics and mathematics out of 100 in XII board 2020 .

Work Experience

• Software Developer Intern @ JALA Academy

05/2023 - 06/2023

Selenium Login Page Testing

- ❖ The Selenium Login Page Testing project is focused on using the open-source automation tool Selenium to automate testing of a web application's login feature. By automating user interactions with the login page and comparing expected results to real ones, the project seeks to expedite the login testing procedure.
- ❖ Selenium is used in the project to simulate user actions, such as inputting login credentials, submitting a form, and browsing through various login scenarios, in order to automate the login process.
- ❖ Several test scenarios are included in the project to cover various parts of the login page, such as successful login, invalid credentials, password recovery, etc.

Skills Summary

- Technical Skills:
 - C , C++ , JavaScript , Python ,HTML , CSS , Bootstrap 5 , TailWind CSS ,React JS , Selenium , MySql , Figma , Node Js , MongoDB , Firebase
- Non-Technical Skills:
 - writing and vocal communication , teamwork and collaboration , adaptability, problem-solving , presentation

Projects

- **One on One chat website with AI chatbot :**
 - ❖ This project is aimed to create a one on one chat website using React js , firebase and Bootstrap . Along with capability of chatting with AI chat bot , which is created by using open AI .
 - ❖ React Js framework is used for creating this dynamic website whereas firebase is used for backend purposes and bootstrap is used for enhancing UI / UX experience .
 - ❖ Users are able to sign in / login and chat with anyone available
 - ❖ Chat bot gives automated responses to the user .
 - ❖ All the chats are shown in real time .
- **D2D Multicast Communication system (5G) (ongoing)**
 - ❖ This project is aimed to provide a simulation model of D2D multicast network
 - ❖ Model uses poisson distribution to create multiple nodes depicting users
 - ❖ K mean clustering and DBSCAN algorithm are used to form clusters based on the users request type

Extracurricular Activities

- ❖ **Sketching:** As a creative outlet, I actively sketch. I like experimenting with different methods and topics, capturing moments, and communicating thoughts through drawings and illustrations. I can let my mind run wild and express my thoughts and feelings visually when I sketch.
- ❖ **Writing stories:** I love telling stories and creating engrossing narratives. In my spare time, I frequently create fictitious stories, create characters, and experiment with various genres. I can explore fantastical realms while composing stories and express concepts through gripping storytelling.