

SHUBHAM AGGARWAL

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Academic Qualifications:

| Course | College/School | % / CGPA |
|------------------------------|---|----------|
| B.Tech in CSE (2018-2022) | National Institute of Technology, Delhi | 7.2 |
| Class XII (2017) | Suraj Bhan DAV Public School | 80.6 |
| Class X (2015) | Suraj Bhan DAV Public School | 9.4 |

Technical Skills:

- **Languages:** C, C++, Python, Javascript
- **IT Constructs:** DS and Algorithms, OOPS, DBMS, Operating System, Computer Networks
- **Development tools:** Pycharm, Sci-kit learn, VS code
- **Frameworks:** Node.js, React.js, Express
- **DB language:** SQL, Mongo DB

Experience:

→ **Web Development Intern, Rapidex Global Education Consultants (July 20' - Aug 20'):** Worked as a team to develop the full functioning website for their firm. Completed the whole task using the **Reactjs** as the main frontend library and **Nodejs** being used for the backend. **Firebase** was used to facilitate the mobile viewing.

→ **Research Intern, NIT Delhi (June 20' - July 20'):** Did a research article on the cancer patients by collecting the database from the National Cancer University and applying different models on them from the **scikit-learn** library. The result was to publish about the seriousness of the disease and the outcome based on the stage at which they were.

Personnel Projects:

- **Predicting the survival of Titanic passengers:** - Many decision functions were created in an attempt to predict survival outcomes from the 1912 Titanic disaster using different parameters like age, gender etc using **scikit-learn** as the main library. Resulted in correctly predicting the follow-up of approximately **94%** of the input data.
- **Mock Github Platform:** A platform where college students showcase their projects and see what their college peers are working on created using **MERN** stack where users can login on the platform, like and comment on the projects and search projects based on technology stacks.
- **Whatsapp Clone:** A Clone which provides an in-depth implementation of whatsapp. Created using the **MERN** web development stack with **Socket.io** and JSON Web Token for security and authentication. **Firebase** was used to enrich the mobile viewing experience.

Extra-Curricular and Programming Achievements:

- Keen interest in Problem Solving with 5 star rating on hackerrank.
- Solved over 400 problems on Programming on platforms like SPOJ, Leetcode and geeksforgeeks.
- Deputy General Secretary, Literature Club (NIT Delhi).