

# 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
- **DB language:** SQL, Mongo DB

## Experience:

→ **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. Was able to correctly predict the outcome of the database with upto 92% of accuracy.

## Projects:

- **Mock Ecommerce 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.  
[Github repository](#)
- **Whatsapp Clone:** A Clone which provides an in-depth implementation of whatsapp. Created using the **MERN** web development stack with **Firebase** being used for hosting the front-end and **Mongo** being used for the database. This gives a perfect whatsapp experience to the desktop users.  
[Github repository](#)
- **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.

## Extra-Curricular and Programming Achievements:

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