

Richa Sinha

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EDUCATION

DIT University <i>Bachelor of Technology in Computer Science, CGPA - 8.2</i>	Dehradun, Uttarakhand <i>Aug. 2019 – June 2023</i>
Om Prakash Verma Sr. Sec. School <i>Class XII BSEB, PERCENTAGE - 73.2</i>	Gaya, Bihar <i>April 2017 – May 2019</i>
Manav Bharti National School <i>Class X CBSE, CGPA - 8.4</i>	Gaya, Bihar <i>April 2014 – May 2016</i>

EXPERIENCE

Volunteer <i>NSS Council</i>	July 2020 – June 2023 <i>Dehradun, Uttarakhand</i>
<ul style="list-style-type: none">• Participated in National level webinar- Cultural Cognizance - The diversity in Karnataka and Uttarakhand• Participated in cultural quest – National level E-Quiz on the cultural diversity of Karnataka and Uttarakhand	

PROJECTS

Lungs Cancer Detection Using Machine Learning And CNN	July 2022
<ul style="list-style-type: none">• Create a model to determine the probability that a CT scan of the lungs is malignant or not• deep residual networks are used to extract features from pre-processed images• which are then fed to classifiers whose predictions are then compiled for the final output• Technology used: Python, CNN, Image Processing, Python Libraries, TensorFlow, etc	
Multi-User Chat Application	Sep 2021
<ul style="list-style-type: none">• Design a multi-user chat application in which we have a simple date-time server• Which takes multiple requests from the users at the same time using threading• On Client side, created two threads, One for sending the messages to the user And another for receiving the messages from the user• Technology used – Java, OOPS, Threading, Exception handling, SpringBoot, etc.	
API Based Game Website	Aug 2020
<ul style="list-style-type: none">• Design a website that has a space in which the user can input a string and based on that it will reflect output• In which the user can enter their name and the website returns the personality of the person through an image based on their name• It returns the output by using the API which is taken from the open-source website called Joe Schmoe.• Technology used – HTML, CSS, JavaScript, etc.	

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS
Frameworks: React
Developer Tools: Git, GitHub, VS Code, Visual Studio, Eclipse
Libraries: pandas, NumPy, Matplotlib
Operating System: Windows, Linux

CERTIFICATES

Python	June 2020
Future aspects in artificial, machine learning, and big data analytics	April 2021
MATLAB on Ramp	April 2021
Machine Learning	July 2021
Introduction To Networking and Storage	Nov 2022
NDG Linux Unhatched	May 2023
Introduction To C	May 2023
Data Structures in C	July 2023