

Education

2020-2024	Jawaharlal Nehru University <i>B.Tech in Computer Science Engineering, Grade: 7.4 / 9</i>	New Delhi, India
2018-2019	Dayawati Modi Public School <i>Intermediate, Grade: 94.4%</i>	Modinagar, India
2016-2017	Dayawati Modi Public School <i>High School, Grade: CGPA 8.8</i>	Modinagar, India

Skills and Achievements

Technical Skills C, C++, Data Structures and Algorithms, Python

Coursework Data Structures, Design and Analysis of Algorithms, Operating Systems, Database Management Systems, Object Oriented Programming, Computer Networks, Software Engineering, Digital Image Processing, Artificial Intelligence

Projects

2022	University Accommodation Handler <ul style="list-style-type: none">Utilized the principles of OOPs, including classes, objects, inheritance, abstraction, encapsulation, and more, to ensure that the code closely resembles real-life entities.Used the C file system to efficiently manage all the data, ensuring seamless synchronization across different devices, including older ones, even with slower network speeds.Made with different login modes for student, warden and admin.Provided several helpful features such as adding new hostels and rooms, assigning rooms to different individuals, checking for available vacant rooms in various hostels, and updating mess bills for students.Done data synchronization among users such as wardens can update bills for students and students can view their outstanding balances.
2021	Linux Shell <ul style="list-style-type: none">Designed shell for Linux OS by using C programming with multi-file structuring to facilitate comprehension and improve the ability to reuse various functionalities.Used fork for creation of child processes for execution of various commands and implemented 4 commands with customized functional options from scratch in C.
2020	Tic Tac Toe <ul style="list-style-type: none">Created the project using a multi-file programming structure in order to ensure that program features can be easily modified in the future while also keeping them encapsulated.Provided 2 different modes - Easy and Hard.In Easy mode, only the immediate outcome of the current move and the subsequent move by the user are taken into account.In the Hard mode, dynamic programming is employed to analyze the probability of winning for the opposing player and select the appropriate move accordingly.

Internship Experience

August 2022 - September 2022

Change Ventures Foundation	Delhi, India
<ul style="list-style-type: none">Oversaw the work activities for a 5-day workshop focused on food processing, which was organized for startups based in Uttarakhand.Contacted 300 startups to begin the shortlisting process and address any questions they may have regarding the workshop.Been connected with all the 20 chosen participants and conducted their interviews to collect their backstories.Coordinated video interviews for the event and handled all the logistics for the participants since the organization was sponsoring it.	

Extra-Curricular

2022	NCC Cadet	New Delhi, India
2021	Crypto Mining Farm Setup	Meerut, India