

I am a fourth-year **B. Tech student**, specializing in **Computer Science Engineering**. Specializing in cutting-edge technologies, my academic focus lies in **front-end development**, **software engineering** and other **core concepts**. Passionate about creating seamless user experiences, with recent projects in **MERN stack**. Eager to apply my problem-solving skills in a challenging environment, collaborating with industry experts to deliver innovative solutions.

Education

Amity University, Noida Campus / Bachelor of Technology in Computer Science Engineering

OCTOBER 2020 - PRESENT

CGPA: 7.85; SGPA: 8.00

Courses Taken: Data Structures, Algorithm Design and Analysis, Operating Systems, Networking Systems, Database Management Systems, Object Oriented Programming, Software Project Management, Digital Electronics and Computer Organization, Compiler Design

Delhi Public School, Dwarka / High School Graduation Degree

APRIL 2006 - APRIL 2020

XII Grade: 92%

Projects

Echoloom – Create and manage contacts effectively / Front End

Leveraged client-side routing and browser storage using React, Mui and React Router V6. Manage, Create, read, edit and delete contacts effectively. Link: <https://echoloom.netlify.app/>

Oct '23
Solo

Aether - Generic E-Commerce Website / Front End

Made frontend of a generic E-commerce website clone using React and React Router V5, having 3 main interfaces, the main browsing window, the products page and a solo product page. Link: <https://aetherstore.netlify.app>

Sep '23
Solo

AtCare – Manage medical supplies during crisis / Rapid Prototyping

Providing one stop solution during medical emergencies to the general public and facilitating robust supply chain management among hospitals. Developed concepts and capabilities the app should incorporate. Rapid prototyping in under 24 hours.

Mar '23
Team Size: 3
Runners-Up

Comparative Analysis of CNNs for Pneumonia Detection / Deep Learning

The problem statement was analyzed using three models: the Sequential Model with TF, ResNet50, and InceptionV3. Published in IEEE Xplore, 2023 13th International Conference on Cloud Computing, Data Science & Engineering (Confluence). DOI: [10.1109/Confluence56041.2023.10048884](https://doi.org/10.1109/Confluence56041.2023.10048884)

Jan '23
Solo

RescueThru – Submission Smart India Hackathon' 22 / Ideation + Rapid Prototyping

Problem Statement: Extraction of Data including voice and images from various social media platforms in the time of Disaster (GS900). Developed concepts and capabilities the app should incorporate. Displaying each module of the app using programmes like Adobe XD and Figma.

Jun '22-Aug'22
Team Size: 6

Skills and Tools

Languages: C/C++, Java, HTML, CSS, JavaScript, MySQL, Python

Libraries/Frameworks: ReactJS, NodeJS, Express, Mui, Bootstrap

Design Tools: Blender 3.2.1, Figma, Adobe XD, Adobe Photoshop, Adobe Illustrator

Soft Skills: Leadership, Adaptability, Problem Solving, Critical Thinking

Certifications & Achievements

- NPTEL IIT Madras: Cyber Security and Privacy Online Certification Course (Nov '23) [Elite Scorer]
- CISCO: Introduction to Networks Online Certification Course (Jan '23)
- Mathworks: MATLAB Onramp Online Certification Course (Jan '23)
- 2nd Place CodeRush Hackathon
- 5-star in SQL on HackerRank
- 4-star in C/C++ on HackerRank