



## Mridul Kalia

Roll No.: 102103286

B.E. Computer Engineering

September, 2021 - June, 2025

Thapar Institute of Engineering and Technology, Patiala

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Leetcode Profile

LinkedIn Profile

## EDUCATION

### •Thapar Institute of Engineering and Technology, Patiala

2021-Present

B.E. Computer Engineering

CGPA: 8.74

### •Career Point Gurukul, Mohali

2021

C.B.S.E, Punjab

Percentage: 92.4

### •Woodland Overseas School

2019

C.B.S.E, Punjab

Percentage: 92.6

## PROFILE

Dedicated and detail-oriented individual with a solid Web Development and software engineering background. Continuously enhancing Data Structures and Algorithms proficiency, leveraging C++ as my primary language of choice. , adept at translating business needs into creative software solutions. Possessing excellent teamwork, interpersonal, and communication skills, I am eager to embark on my career journey as an entry-level professional with a reputable tech company.

## EXPERIENCE

### •Upcoming AEH Summer Intern at ACCENTURE

May 2024

Advance Application Engineer

## PERSONAL PROJECTS

### •CHAT-Application

full-stack chat application enabling real-time communication and collaboration between users. (Individual Project)

- Tools & technologies used: SocketIO, MongoDB, ExpressJS, NodeJS, ReactJS(using Tailwind CSS)
- Utilized responsive web design principles and modern front-end libraries like React to ensure cross-platform compatibility and a smooth user experience on various devices.
- Integrated advanced security measures and encryption protocols to protect user data and maintain data privacy, emphasizing a commitment to cybersecurity best practices.

### •Airbnb Clone

Developed a full-stack web application replicating the functionality of Airbnb, allowing users to search for and book accommodations.

- Tools & technologies used: MongoDB, ExpressJS, NodeJS, ReactJS, Tailwind for responsive design
- Incorporated features for user authentication, including email verification and OAuth login, to ensure secure access and protect user privacy.
- Integrated payment gateway functionality using Stripe API for seamless and secure transactions between hosts and guests. .

### •Leads Tracker Extension

An extension which helps the user to Bookmark a website or a web page (Individual Project)

- Tools & technologies used: HTML, CSS, Javascript(ES6)
- Problem-Solving Project, created a user-friendly Extension in a Hackathon, Hacklipse 3.0 aimed at helping users quickly apply a bookmark on websites they want to open later.
- Designed and developed a user-friendly Extension using Javascript(Local Storage) and Fetch API, resulting in an intuitive and useful extension.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, C++, HTML/CSS, Javascript, SQL

**Developer Tools:** Git/Github, VS Code, Oracle Live SQL, Postman

**Frameworks and Libraries:** React JS, Express JS, Node JS, MongoDB, Socket IO, Tailwind CSS

**Softwares:** Figma

**Coursework:** Data Structures, Algorithm Analysis, Database Management, Computer Networks, Artificial Intelligence, Object-Oriented Programming, Cyber Security

**Areas of Interest:** Football, Badminton, Chess, Drawing

## ACHIEVEMENTS

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- Solved 300+ questions on LeetCode and GeeksforGeeks.
- Secured position in top 5 Teams in Hackathon, Hacklipse 3.0 *April, 2022*
- Completed Virtual Internship at Lyft (Back-End engineering) *March, 2022*
- Bagged 1st position in Inter-school Debate Championship *March, 2020*