

# Tosmim Forid Mehtab

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## SKILLS

### TECHNICAL SKILLS

Language

C++[Proficient] • Python[Intermediate]  
Javascript[Proficient] • Java[Basic]

Frameworks/Libraries

Node Js • Express Js • React Js  
Tailwind CSS • Chakra UI • SDL2  
Pygame • Watchdog

Database

Mongo DB • SQL

Other

HTML • CSS

Linux[Basic] • Git[Basic]

### SOFT SKILLS

Problem Solving • Time management

## ACHIEVEMENTS

- Solved **500+** problems across different platforms
- Solved **200+** problems on Leetcode specifically
- Solved **200+** problems on Codestudio specifically
- Earned **Leetcode 50 days badge in 2022**
- Earned **top 15% Linkedin badge in C++ and Python**

## LINKS

Leetcode:// **tozwiw**

Codestudio:// **Tosmim**

HackerRank:// **tosmimf**

Github:// **TosmimForidMehtab**

Linkedin:// **Tosmim Forid Mehtab**

## EDUCATION

### JC BOSE UNIVERSITY, YMCA

BTECH IN COMPUTER SCIENCE

July 2023 | Faridabad, Haryana

CGPA: 8.8 / 10.0

### ACACS HOJAI

SENIOR SECONDARY | ASSAM BOARD

July 2019 | Hojai, Assam

Percentage: 86.2 / 100

### MARKAZ ACADEMY HOJAI

HSLC | ASSAM BOARD

May 2017 | Hojai, Assam

Percentage: 79 / 100

## TECHNICAL PROJECTS

### CHIT CHAT | CHATTING WEB APP

April 2023

- Designed and developed a comprehensive real-time chat application utilizing the MERN (MongoDB, Express.js, React.js, Node.js) stack, offering both single-user and group chat functionalities
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- Integrated user authentication and authorization processes, implementing secure sign-up, log-in, and access control mechanisms.
- **Live App**

### CLEAN DESK | FILE ORGANIZER UTILITY PROGRAM

October 2022

- Developed a Python program that can automate the task of organizing files in a folder based on their extensions.
- Designed the program to consume less system memory, which ensures optimal performance even with large numbers of files.
- Improved the program's usability by adding features such as error handling, logging, and user prompts to ensure smooth execution and user-friendly experience.

### PATH FINDER | GUI APPLICATION

May 2022

- Designed and developed the user interface for the application
- Implemented the A\* path finding algorithm.

## CERTIFICATIONS

### MERN STACK DEVELOPMENT | CODING BLOCKS

June 2023

With guidance from **Mayank Jha** and **Kartik Mathur**, gained a deep understanding of DSA concepts such as arrays, linked lists, trees, graphs, and algorithms such as searching and sorting. Learned about best practices in software development, including code quality, readability, maintainability, and scalability

### PYTHON ESSENTIALS | CISCO

July 2022

Gained hands-on experience in **Python** programming and its applications through this course by **CISCO**. Acquired knowledge of fundamental concepts such as data types, control structures, functions, and file handling

### PROGRAMMING THROUGH C++ | IIT BOMBAY

April 2022

Completed a 12 week course on **C++** and certification exam in C++ conducted by the **Ministry of Human Resource Development (MHRD), India** in which **2187 out of 8000+** students passed including me. Achieved a score of 68%, demonstrating a strong understanding of C++ programming concepts and principles