

# Gaurav Sahay

Undergraduate student at Indian Institute of Information Technology, Allahabad

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## EDUCATION

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|---|-------------------------------|
| • <b>Indian Institute of Information Technology, Allahabad</b>      | <b>July 2021-Present</b>      |
| Bachelor of Technology in Electronics and Communication Engineering | CGPA: 8.32                    |
| • <b>Allahabad Public School (Class 12th, CBSE)</b>                 | <b>April 2020 - July 2021</b> |
| Percentage: 93.80%  | Prayagraj, Uttar Pradesh      |
| • <b>Allahabad Public School (Class 10th, CBSE)</b>                 | <b>June 2018 - May 2019</b>   |
| Percentage: 95.33%  | Prayagraj, Uttar Pradesh      |

## PERSONAL PROJECTS

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|---|------------------------------------|
| • <b>Web Based File Manager</b>   | GitHub   <a href="#">Live Link</a> |
| <i>A web based file manager developed using Next.js 13.4</i>  |                                    |
| – Designed and implemented a hierarchical folder structure for improved user organization.  |                                    |
| – Developed key features such as creating, renaming, and deleting folders and subfolders, along with file upload and management capabilities. |                                    |
| – Technology Used: Nextjs, Reactjs, Firebase, TailwindCSS.  |                                    |
| • <b>Realtime Chat App</b>  | GitHub   <a href="#">Live Link</a> |
| <i>A react based web application which allows users to chat in real time.</i>   |                                    |
| – Developed using socket.io library with node.js and express to handle user logins and live bidirectional communication.                      |                                    |
| – Designed database structure and relations to store multiple users and chats using MongoDB.  |                                    |
| – Technology Used: Reactjs, MongoDB, Express, Nodejs.   |                                    |
| • <b>Personal Portfolio Website</b>   | GitHub   <a href="#">Live Link</a> |
| <i>A personal portfolio website.</i>  |                                    |
| – Designed my personal portfolio to showcase my projects and used Particles.js library to render animation in the background.                 |                                    |
| – Technology Used: React, CSS, HTML.  |                                    |

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** C, C++, Python (Beginner), HTML, CSS, JavaScript

**Frameworks:** ReactJS, NodeJS, ExpressJS, Material UI, Tailwind CSS, Socket.IO

**Databases:** Git, MongoDB, MS SQL Server, Firebase Firestore

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Computer Networks, Object-Oriented Programming, Database Management Systems

## CODING PROFILES

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**LeetCode:** Among top 12.92% coders | [Link](#)

**Codeforces:** Max rating 1255 | [Link](#)

**InterviewBit:** Among top 10 coders in college ranking | [Link](#)

## PARTICIPATIONS

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**Accelerated the Hackoberfest Challenge**

All contributions passed the Quality Control review period.

**Participated in the Smart India Hackathon**

Participated in the hackathon, advancing to the first round as part of a 6-member team, contributing to backend development and database design.

**Participated in Web Kriti hackathon hosted by Aparoksha IIITA**

Created a website for Paryas, helping underprivileged kids.