SONIKA SINGH TOMAR

C++ Dsa Enthusiast | CP | CSE

E 91 7000565895 sonika.23bce10041@vitbhopal.ac.in q https://www.linkedin.com/in/sonika-tomar-760048199

q http://testgithubsonika/ bhopal

EDUCATION

Bachelor of Technology - BTech, Computer Science

VIT_Vellore Institute of Technology

12/2023 12/2027

sehore

GPA **8.4** / 10

10th

sun international school jhansi

07/2019 07/2020

kanpur road ,jhansi

- 92.5%

12th

Gurukul convent school prithvipur

07/2021 07/2022

niwari ,m.p

- 90.6%

ACHIEVEMENTS

- Solved 250+ DSA problems

- participant in multiple Hackathons eg. GDG

- selected as SHEFI scholar for tech excellence and leadership potential.

- offered SDE role at Bluestock as an intern.

- Reached final interview round in tech hiring processes.

PROJECTS

smart-roomie

05/2025 07/2025

Technologies used: MERN Express.js, React.js, Node.js. repo link

- Developed key features for roommate-matching platform using React.js

- Deployed full-stack features using supabase Functions and Vercel with zero downtime.

Real-time Crop Disease Detection

25/01/2025 30/03/2025

Technologies Used: React.js,Firebase,Node.js,AI Model, Fastapi github link

- Finding things that harm crops before the disease gets worse.

- Built for farmers of upload crop images and receive insights on diseases, weather impact etc.

FoodOrdering app

10/04/2025 25/04/2025

TechnologiesUsed: ReactNative,Firebase, Node.js. **repo**

- Developed a cross-platform food ordering app for restaurant browsing, order customization, and secure payments.

Technical skills

react Native   GitHub

JavaScript (ES6+), TypeScript

Mobile UI/UX Design   Redux

troubleshooting & debugging

Backend development

API Integration   google tools

Soft skills

communication & Influencing

Team Collabaration Leadership

Course work

- Operating Systems
- Data Structures & Algorithms
- Database Management Systems
- Object-Oriented Programming

Languages

C++
Sql
javasript
C