



**Ketan Tripathi**

Enrollment No.: B T 2 2 C S E 1 1 3

B.Tech – Computer Science And Engineering

Visvesvaraya National Institute of Technology, Nagpur

+91-7879412384

✉ [ketantripathi807@email.com](mailto:ketantripathi807@email.com)

DOB: 28-12-2005

🔗 [GitHub Profile](#)

🔗 [LinkedIn Profile](#)

## EDUCATION

Degree/Course	Institute /Board	CGPA/Percentage	Year
B.Tech. Computer Science and Engineering	Visvesvaraya National Institute of Technology, Nagpur	8.19	2026
CLASS XII (ISC)	Rani Laxmibai Public School, Jhansi	98.8%	2021
CLASS X (ICSE)	Rani Laxmibai Public School, Datia	93.8%	2019

## PROJECTS

### • Front-End Web Development Projects

Aug. 2023 - Feb. 2024

Contributed in the event management websites of E-CELL VNIT

[Github link](#)

– Tools & technologies used: ReactJS, Tailwind CSS

[Github link](#)

– Collaborated in creating Cards, Registration Form, Animations

[Github link](#)

### • Fitness Management System

Oct. 2023-Nov. 2023

Created most of the Functions used in projects

[Github](#)

– Tools & technologies used: C

– Management of database of the restaurants in the city

– Contributed in the functional development for different task performed by the application

– Implemented AVL Tree Data Structure and related algorithms

– Also created Same System using LinkedList Data Structure

### • Food Ordering Management System

Mar. 2024-Apr. 2024

Contributed in Creating Task-Specific Functions used in projects

[Github](#)

– Tools & technologies used: C

– Management of database of the restaurants in the city

– Contributed in the functional development for different task performed by the application

– Implemented Searching, sorting, and other algorithms

### • Heap Management Project

Feb. 2024-Mar. 2024

– Implemented the Best Fit Strategy to allocate the desired free memory block.

[Github](#)

– Tools and Technology used: C

– Used linked list data structure for heap memory simulation using operations on linked lists.

## TECHNICAL SKILLS

**Languages:** ex: JAVA, Python, C/C++

**Web Development :** HTML, CSS, JavaScript, Tailwind CSS, ReactJS

**Developer Tools:** Git, GitHub, VS Code

**Cloud/Databases:** MongoDB, MySQL

**Areas of Interest:** Web Development, Cybersecurity, Software Development

## POSITIONS OF RESPONSIBILITY

• **Position:** Manager at E-cell VNIT

Aug. 2023-May. 2024

• **Position:** Sports Secretary of M.S. Swaminathan Hostel Block

Feb. 2024-May. 2024

## EXTRA CO-CURRICULAR

- Event Organizer in Junior Scientist by AXIS VNIT
- Event Organizer in National Entrepreneurship Olympiad 2024
- Event Manager in Consortium'24