

# Bhounik Chopra

Roll No.: 22BCE10108

Bachelor of Technology

Vellore Institute of Technology Bhopal

+91-9871037727

✉ bhoma090105@gmail.com

🐙 GitHub

🌐 LinkedIn

## EDUCATION

### •Bachelor of Technology in Computer Science and Engineering

2022-26

Vellore Institute of Technology , Bhopal

CGPA: 8.22

## PERSONAL PROJECTS

### •Employee Management System (On-Going)

Present

A comprehensive web application designed to streamline task assignment and enhance team productivity.

- Developed a centralized dashboard for administrators to manage teams, assign tasks, and oversee workflows.
- Enabled employees to track tasks from assignment to completion with real-time updates for transparency.
- Integrated real-time team chat to enhance communication and collaboration.
- Utilized Supabase Auth and Database (PostgreSQL) for secure authentication and robust data management.
- Technologies Used: React.js, Tailwind CSS, JavaScript.

### •CollabSphere

March 2024 - June 2024

A collaborative platform designed to connect students with peers for successful project partnerships.

- Developed an inclusive platform that enables introverts, ambiverts, and freshmen to find project partners easily, fostering collaboration and community engagement.
- Implemented intelligent matching algorithms to connect users based on skills and project interests, optimizing the collaboration process.
- Integrated Passport.js for secure authentication, ensuring user data protection and privacy.
- Utilized MongoDB Atlas for scalable data storage and efficient retrieval of user profiles and project details.
- Technologies Used: React.js, Express.js, MongoDB, CSS, HTML, promoting a responsive and engaging user interface.

### •Kitabi World

October 2023 - January 2024

A dynamic platform for browsing, purchasing, and reading books.

- Developed a user-friendly platform with seamless browsing, purchasing, and reading functionalities for books.
- Implemented advanced search and sorting features, enabling users to find books effortlessly based on language, ratings, authors, and publishers.
- Integrated a real-time rating system, allowing users to rate books and enhance the feedback experience.
- Built a cart system for managing selected books, ensuring a smooth purchasing process.
- Utilized Node.js and Express.js for efficient backend operations, ensuring scalability and reliability.
- Leveraged MongoDB for robust data storage and retrieval, optimizing book and user information management.
- Technologies Used: React.js, Redux , Node.js, Express.js, MongoDB.

## TECHNICAL SKILLS AND INTERESTS

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

**Libraries :** C++ STL, ReactJs

**Web Dev Tools:** Nodejs, VScode, Git, Github

**Frameworks:** ReactJs , Flutter

**Cloud/Databases:**MongoDb ,Supabase

**Relevant Coursework:** Data Structures & Algorithms, Object Oriented Programming, Database Management System, Software Engineering.

**Areas of Interest:** Web Design and Development

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## POSITIONS OF RESPONSIBILITY

### •Technical Team Member -IOS CLUB

July 2023 - Present

- Successfully Managed Game Flix 2.0- Treasure Hunt in ADVITYA 2024 of VIT Bhopal University
- Maintained Club's Website

### •Event Manager -VITronix

Jan 2023 - Present

- Led and coordinated events with over 200 participants, ensuring smooth operations and engagement.
- Successfully organized three major events, demonstrating teamwork and strategic planning skills.