

# Asmita Agarwal

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## Education

### Vellore Institute of Technology

Bachelor of Technology in Computer Science Engineering | 9.07/10 CGPA

Bhopal, MP  
2022 - 2026

- **Relevant Coursework:** Object-Oriented Programming in C++, Data Structures and Algorithms, Programming in Java, Operating Systems, Database Management Systems, Computer Networks.

### Subhash Public School

11th and 12th Science | 90%

Giridih, JH  
2019 - 2021

## Projects

### CocoCode

Online coding platform

February, 2025.

[GitHub](#)

- **Built a full stack coding platform with 10+ features**, including authentication, problem submissions, and **email notifications** for verification, password recovery, and updates
- **Designed an interactive dashboard** with user activity tracking and problem difficulty stats.
- Built with **MERN stack** (MongoDB, Express, React, Node.js) and integrated external APIs for enhanced functionality.
- Integrated Judge0 API for real-time code evaluation across multiple languages.

### Ride Rental

Bicycle rental application

April, 2024.

[GitHub](#)

- Developed a mobile app for renting bicycles on-campus, based on duration, managing 5 cycle renting points with automated parking stations and an automatic ride extension.
- Leveraged **JavaScript** and **React Native** for front-end development, crafting an intuitive and responsive user interface.
- Employed **Express.js** and **MongoDB** for back-end development, ensuring efficient data management and seamless integration with the front end.
- Orchestrated user feedback sessions during beta testing with 100+ participants, achieving an 85% user satisfaction rate; applied insights to enhance the overall user experience.

## Extracurricular

- **Wells Fargo Software Engineering Job Simulation on Forage** - Analyzed requirements, designed and implemented a financial portfolio management system ERD using IntelliJ, publishing the project on [GitHub](#).
- **Industry Conclave 2024:** Participated as part of a 5-member team, achieving **Top 5** status out of 50 teams, and developing a **voice recognition-based attendance system** to solve a campus challenge.
- **AI Conclave:** Secured 2nd place out of 20 teams in the College Group Debate Competition, showcasing effective communication, evaluative reasoning, and argumentation skills.
- **Won Foragers 2.0 (Treasure Hunt):** Led a team to victory out of 50, demonstrating strategic thinking and teamwork.

## Additional

- **Coordinated** rehearsals and managed logistics for a group dance performance, at the college fest enhancing coordination among 20 dancers; that captivated an audience of 1000+ attendees, receiving outstanding feedback.
- **Hobbies:** Photography, Blogging.
- **Languages:** Hindi, English.