

# Samrat

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## EDUCATION

### Vellore Institute of Technology

Bachelor of Technology, Computer Science and Engineering

Cumulative GPA: 7.81/10

Relevant Coursework: Object Oriented Programming, Operating Systems, Data Structures and Algorithms, DBMS

Bhopal, India

Aug 2021 – June 2025

### St Dominic Savio's High School

12th (CBSE): 68.83%

Patna, India

July 2020-21

### Army Public School

10th (CBSE): 62.4%

Danapur, India

July 2018-19

## TECHNICAL SKILLS

**Programming Languages:** C++, JavaScript, SQL.

**Frameworks and Tools:** React.js, TypeScript, Express.js, Node.js, MongoDB, MySQL, Git/GitHub.

## PROJECTS

### Persona AI | React, TypeScript, Gemini API

[Persona-AI](#)

Aug 2025

- Building a persona-driven chat platform with single-chat and side-by-side comparison modes to evaluate how different AI personas respond to the same prompt.
- Designing a clean, responsive UI with a three-panel layout (Controls, Chat/Comparison, Evaluation) and a mobile-optimized stacked view that hides the AI Judge panel on small screens for better readability.
- Implementing an AI Judge module that scores responses on overall quality, persona authenticity, tone, and relevance, with real-time feedback and session-level performance analytics.

### Employee Time Tracking Management | MongoDB, Express.js, React.js, Node.js [emplooyeeTime3](#)

Sept 2023 – Dec 2023

- Designed and implemented a comprehensive Employee Time Tracking Management System, streamlining attendance, login/logout times, and leave applications.
- Developed a full-stack application using the MERN stack (MongoDB, Express.js, React.js, Node.js) to create a robust, scalable, and user-friendly interface, improving system scalability.
- Role-based access control, ensuring secure and seamless access for employees and administrators in unauthorized access incidents.

### AARKS Solution |Bicycle Rental System| HTML, CSS, JavaScript, PHP, MySQL

Nov 2024 –Apr 2025

- Developed bicycle rental system for college campuses using HTML, CSS, JavaScript for the frontend, and PHP with MySQL for the backend. This system promotes sustainable transportation by reducing reliance on motorized vehicles
- Implemented secure user authentication and integrated payment processing to enhance user experience. The system includes both user and administrative interfaces for efficient management.
- Ensured compatibility across browsers and platform

## POSITIONS & RESPONSIBILITIES

### Hindi Club , VIT Bhopal University

Photography Team (Lead)

Bhopal, India

March 2023 – May 2024

- Organized cultural events attracting a large audience, boosting club visibility and engagement.
- Managed event budgets, securing sponsorships for financial sustainability.

### Volunteer at D2C Igniters Club

Photography Team (Co-Lead)

Bhopal, India

March 2022 – April 2023

- Managed and coordinated 5 teams for the "The Foragers" Treasure Hunt event, ensuring smooth execution and high participant engagement..
- Strengthened community connections by planning and executing impactful events.

## EXTRA - CURRICULARS AND ACHIEVEMENTS

- Conducted technical events and workshops, impacting over 11,000 students.
- Solved more than 250 Programming questions using C++ on GFG and Leetcode.
- Secured a 5-star rank in SQL on HackerRank.
- Managed an event organised by Hindi Club of VITB

## CERTIFICATIONS

AWS Cloud Practitioner, AWS

Feb 2024

MERN Full Stack Internship Program, Ethnus

Dec 2023

Intro to SQL, Kaggle

Jan 2023

Coding Ninja C++ Certification

Nov 2022