Samrat

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EDUCATION

Vellore Institute of Technology   Bhopal, India
Bachelor of Technology, Computer Science and Engineering   *Aug 2021 – June 2025*
Cumulative GPA: 7.81/10
Relevant Coursework: Object Oriented Programming, Operating Systems, Data Structures and Algorithms, DBMS

St Dominic Savio's High School   Patna, India
12th (CBSE): 68.83%   *July 2020-21*

Army Public School   Danapur, India
10th (CBSE): 62.4%   *July 2018-19*

TECHNICAL SKILLS

Programming Languages: C++, JavaScript, SQL, PHP.
Frameworks and Tools: React.js, Express.js, Node.js, MongoDB, MySQL, Git/GitHub.

PROJECTS

Polyglot-Translator-Multi-Input-Language-Converter | *HTML, CSS, JavaScript, REST API*   Feb 2025 - Mar 2024
- Developing a web-based platform connecting bakers and customers, enhancing engagement with personalized cake designs.
- Creating a dynamic React.js frontend for intuitive user interactions and product showcases.
- Building a scalable backend using Node.js and Express.js, ensuring efficient data management with MongoDB.

Employee Time Tracking Management | *MongoDB, Express.js, React.js, Node.js*   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   Bhopal, India
Photography Team (Lead)   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   Bhopal, India
Photography Team (Co-Lead)   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   Jan 2024
MERN Full Stack Internship Program, Ethnus   Dec 2023
Intro to SQL, Kaggle   Jan 2023
Coding Ninja C++ Certification   Nov 2022