

Sumant Sagar

Software Developer

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Education

VIT Bhopal University Bhopal, Madhya Pradesh
BTech Expected May 2026
Major in Computer Science; Minors in Cyber Security and Digital Forensics
Cumulative GPA: 8.05/10
12th Standard
Sainik School Bhubaneswar Bhubaneswar, Odisha
CBSE percentage: 73% Jul 2022
10th Standard
Sainik School Bhubaneswar Bhubaneswar, Odisha
CBSE percentage: 89% Jul 2020

PROJECTS

SecureVPN *[August 2023 – November 2024]*

- **Description:** Developed a Virtual Private Network (VPN) application aimed at enhancing online security and privacy for users.
- **Key Contributions:**
 - Implemented encryption protocols (e.g., OpenVPN, IPSec) to secure data transmission.
 - Developed a user-friendly interface with options for server selection and connection status monitoring.
 - Integrated features like kill-switch and DNS leak protection to ensure robust security.
 - Deployed on AWS to provide scalable and reliable VPN services.

Event Management System *[January 2025 – April 2025]*

- **Description:** Built a full-stack event management platform using the MERN stack, enabling users to discover, book, and manage events, while providing organizers and admins with powerful event creation and moderation tools.
- **Key Contributions:**
 - Developed a responsive and dynamic frontend with React.js, Bootstrap 5, and Context API for seamless user interaction.
 - Implemented secure user authentication and role-based access control using JWT and bcrypt.
 - Designed RESTful APIs with Express.js and Node.js for events, tickets, and user operations.
 - Integrated MongoDB with Mongoose to store and manage user, event, and ticket data efficiently.
 - Built organizer and admin dashboards for analytics, content moderation, and system configuration.
 - Implemented file uploads for event media using Multer and Axios.
 - Conducted end-to-end testing and deployed the frontend on Netlify and backend on Render for live access.

Certifications & Training

- **DSA Course by Striver:** Completed a comprehensive course on Data Structures and Algorithms.
- **The Bits and Bytes of Computer Networking:** Gained a solid understanding of networking fundamentals.

EXTRACURRICULAR

National Cadet Corps Feb 2020- July 2022

- NCC instilled teamwork, fostering strong bonds and shared goals among members.

HOBBIES

Reading Fiction novels and self help books

- Actively engaged in self-help literature, gaining insights into personal development, motivation, and mental well-being.

ADDITIONAL

Programming Languages: Java, C++, C#, Python, Kotlin, Javascript, HTML, CSS

Software Development: Object-Oriented Programming, Data Structures & Algorithms,, Git/GitHub, React

Other Tools: Git for version control

Languages: Fluent in Hindi, English