

Safina Khatun

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Experience

Web Developer Intern | InnoByte Services | Sep '25 - Oct '25

Developed a responsive website using HTML, CSS, and JavaScript, improving site performance by 25% and reducing reported bugs by 30% through extensive testing.

Education

Vellore Institute of Technology, Bhopal | 2022 - Present

B.Tech - Computer Science and Engineering (8.09 CGPA)

Jawahar Navodaya Vidyalaya, West Bengal | 2019, 2021

CBSE Class X (90%) and XII (88%)

Projects

Real-Time Messenger | Sep '25 - Oct '25

- Engineered a full-stack messaging platform enabling instant, bi-directional communication between users.
- Architected and deployed a scalable application by integrating a responsive front-end, a robust backend, and a dedicated database for managing data streams.

Face-Based Attendance System | Jul '25 - Aug '25

- Developed an automated attendance tracking application using a real-time face recognition framework.
- Implemented advanced face detection, registration, and training modules to generate subject-specific CSV reports and ensure high accuracy.

Smart Farm Management System | Jun '24 - Apr '25

- Built a comprehensive farm management platform with features for sales tracking, weather monitoring, and soil health analysis.
- Integrated machine learning models for crop recommendations and designed an intuitive user interface to support sustainable farming practices.

Skills

Subjects: DBMS, Operating System, Networks, OOPS

Technical Skills: Java, Python, HTML, CSS, MySQL, MERN Stack, JavaScript, Node.js, REST APIs

Certifications

- GenAI Powered Data Analytics Job Simulation, Forage (**Tata Group**)
- Technology Job Simulation, Forage (**Deloitte Australia**)
- Cybersecurity Analyst Job Simulation, Forage (**Tata Group**)
- Foundation Level Certification in Programming and Data Science (**IIT Madras**)
- TCS CodeVita Round 1 (Zone 2) Qualifier:** Advanced to Round 2, achieving a World Rank of 11459 among 500,000+ global participants.