

Ajeet Yadav

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Skills

Languages: C, C++, Python, JavaScript, DSA

Web Technologies: HTML, CSS, React.js, Node.js, DBMS

Tools & Frameworks: Git, VS Code, Tailwind CSS

Soft Skills: Problem Solving, Communication, Teamwork

Projects

Hotel Booking Management System

2025

- Developed a hotel booking admin dashboard using PHP and Tailwind CSS.
- Implemented booking status management, user room info tracking, and secure session-based access control.
- Built detailed user profile module with role-based access (Admin/Special User).
- Reduced booking errors by 20% through automated validations.

Traffic Light Control (Arduino Based)

Jan 2023

- Developed a real-time traffic monitoring algorithm to optimize flow.
- Arduino-based traffic light system reduced intersection waiting time by 15%.
- Demonstrated improved congestion management and safety.

Frontend Website (HTML, CSS)

Jan 2023

- Designed an interactive website focused on *Water Availability*.
- Educated users on water conservation and provided real-time data.
- Implemented responsive design for multiple devices.

Certifications

NPTEL Online Certification

Jan 2025 – Apr 2025

Human Computer Interaction (Elite)

- Completed a 12-week course with 86% score.
- Covered usability principles, interaction design, and user-centered system development.

Coursera

2024

JavaScript, HTML and CSS for Web Developers

Johns Hopkins University

- Built responsive web applications using HTML5, CSS3, and modern JavaScript.
- Gained hands-on experience with DOM manipulation and interactive design.

Education

Lovely Professional University, Phagwara, IN

Expected Aug 2027

Bachelor of Technology

Computer Science Engineering

- GPA: 8.0/10
- Relevant Coursework: Data Structures, Algorithms, Web Development, Embedded Systems

Gorakhpur Public School, Gorakhpur, IN

Mar 2022

Class 12th Grade

- GPA: 80.4%

Profile

Motivated B.Tech student skilled in PHP, React.js, and Arduino, seeking opportunities to contribute to impactful software projects.