

# AYUSH SINGH

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## Career Objective

Motivated and detail-oriented BCA student with strong programming and web development skills. Eager to apply knowledge in real-world projects, contribute to organizational success, and enhance technical expertise.

## Education

**Bachelor of Computer Applications (BCA)**  
Graphic Era Hill University, Haldwani – 5th Semester

2023–Present  
Current CGPA: 7.5

## Technical Skills

**Programming Languages:** C, C++, Java, Python, JavaScript

**Web Development:** HTML, CSS, React.js, Node.js, PHP, MySQL

**Tools & Platforms:** GitHub, VS Code, MS Office

**Strengths:** Problem Solving, Time Management, Teamwork, Adaptability

## Projects

### Flappy Bird Clone

Browser-based game using JavaScript & Canvas

Tech Stack: HTML, CSS, JavaScript, Canvas

- Developed an interactive browser game implementing game mechanics, scoring, and collision detection.
- Added sound effects, restart functionality, and score tracking for enhanced engagement.

### Library Management System

Web Application

Tech Stack: HTML, CSS, JavaScript, Bootstrap, MySQL, PHP

- Managed books, students, and records using CRUD operations and database integration.
- Developed secure user authentication and role-based access control.

### Quizzes Website

Online Platform

Tech Stack: HTML, CSS, JavaScript, Bootstrap, Flask, MongoDB, API

- Built an online quiz platform for hosting dynamic quizzes with user authentication.
- Designed responsive frontend with admin and student role-based functionalities.

### Student Management System

Web Application

Tech Stack: HTML, CSS, JavaScript, Bootstrap, Flask, SQLite

- Integrated CRUD operations for managing courses, marks, and student details.
- Implemented secure login, authentication, and dashboard analytics for admin users.

## Internship

### Aditya Birla Group – Web Development Intern

1 Month

- Contributed to web applications and front-end development.
- Learned practical skills through real-world projects.

## Certifications

- **Python Programming Certification** Coursera, 2025  
Completed comprehensive Python programming course covering OOP, data structures, and problem-solving.
- **Web Development Certification** Mind Luster, 2024  
Gained hands-on experience in full-stack web development.