Bibek Shrestha

Software Developer

Zealous Computer Science student driven by innovation and learning, focused on mutual growth and meaningful achievements. Fueled by a competitive spirit from sports, I embrace healthy competition, draw inspiration from others, and transform ideas into impactful collaborative projects.

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Noida, India

EDUCATION

Matriculation - CBSE Board
The Millennium School, Noida

2020 - 2021   *98.5%*

10+2 - CBSE Board
The Millennium School, Noida

2022 - 2023   *96%*

Courses
- Science with Informatics Practices

Bachelor of Technology in Computer Science and Engineering
Jaypee Institute of Information Technology, Noida - 62

2023 - Present   *8.6 CGPA*

PROJECTS

Terminal-Based Music Player (C++)
- Doubly Linked List: Smooth two-way track navigation
- Queue: Personalised playlists
- OOP: Maintainable design and structure
- Raylib Library: Interactive terminal

MiniGameZone – Basic Gaming Website
- HTML & CSS based design
- JavaScript for game logic and high-score tracking
- Featured games like Tic-Tac-Toe, Rock-Paper-Scissors, 2048, Flip Memory Card

Air Traffic Controller Simulation (C++)
- Airport & Flight Modelling: OOP for airports, terminals, gates, runways, and flights
- Smart Scheduling: Priority queue with greedy + Earliest Deadline First (EDF) algorithm
- Route Optimization: Floyd–Warshall algorithm for shortest path between airports
- Data Integration: File handling for airport network, details, and flight schedules

SKILLS

Programming Languages: C++, C, Python

Web Development: HTML, CSS, Javascript

Databases: MySQL

Core Concepts: Data Structures and Algorithms, OOP

Soft Skills: Detail-oriented, Team Collaboration & Communication, Leadership, Flexible & Adaptable

EXTRACURRICULAR ACHIEVEMENTS

35th Delhi State Taekwon-Do ITF Championship (12/2024)
Silver Medalist

1st Dan Black Belt Certificate (06/2024)

30th North & East India Invitational ITF Taekwon-Do Championship (05/2019)
Silver Medalist

INTERESTS

Competitive programming   Taekwon-Do

Volleyball   Playing guitar   Sketching