Abu Shohel Ahmed

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SKILLS

- **Languages**: C, C++ (Data Structure & Algorithms), Java, Python
- **Frameworks**: HTML, CSS, JavaScript
- **Soft Skills**: Problem-Solving, Project Management, Adaptability

PROJECTS

- **Snake Game | Python, Pygame** Fab 2023 – Mar 2023
  - Developed a fully functional classic Snake Game using Python and the Pygame library, featuring real-time graphics and smooth interactive controls
  - Designed and implemented the core logic to control the snake's movement dynamically based on real-time user input
  - Created a food generation mechanism that randomly places food items within the game window for the snake to consume
  - Defined logic to detect collisions, such as when the snake eats food or hits the game boundaries
  - Integrated a responsive scoring system that updates and displays the player's score on the screen in real-time, enhancing the overall gameplay experience

- **University Management System | HTML, CSS, JavaScript** Aug 2023 – Nov 2023
  - Developed a University Management System website using HTML, CSS and JavaScript
  - Collaborated in a group project, designing and implementing HTML and CSS components
  - Integrated a relational database to store data for colleges, faculty, students, courses, and college-related information
  - Started from registration of a new student in the college, it maintains all the details regarding the attendance and marks of the students

TRAINING

- **GeeksforGeeks (Self-Paced Training):** Jun 2024 – July 2024
  - Completed **a six-week intensive training** on Data Structures & Algorithms using C++
  - Gained in-depth knowledge of **arrays, linked lists, stacks, queues, trees, graphs, and algorithmic analysis**
  - Implemented efficient algorithms with a focus on time and space complexity optimization
  - Worked on hands-on coding problems to strengthen problem-solving skills
  - Built a strong foundation for competitive programming and software development

CERTIFICATES

- Cybrary Orientation (CompTIA Linux+ XK0-005) April 2024 – May 2024
- Complete Interview Preparation - Self-Paced (DSA with C++) – GeeksforGeeks Jun 2024 – July 2024
- Cloud Computing NPTEL course by IIT Kharagpur July 2024 – Oct 2024

ACHIEVEMENTS

- **5-Star C++ Programmer, HackerRank**: Sep 2024 -Feb 2025
  - Achieved the highest rating in C++ on HackerRank, showcasing strong problem-solving and algorithmic skills

- **Office Assistant, Bhai Bhai Savings & Credit NGO:** Jun 2024
  - Assisted in managing office administration, maintaining records, and organizing documents
  - Contributed to community development programs focused on education, human welfare, and environmental awareness
  - Helped coordinate NGO events, ensuring smooth execution of outreach initiatives

EDUCATION

- **Lovely Professional University** Punjab, India
  Bachelor of Technology - Computer Science and Engineering Aug 2022 – Present

- **Dhubri Govt Boy's H S School** Dhubri, Assam
  *Intermediate; **Percentage: 59%*** Jan 2021 – May 2022

- **Kalapani Higher Secondary School** Kalapani, S.S.Mankachar
  *Matriculation; **Percentage: 63%*** Jan 2017 - May 2020