Abu Shohel Ahmed

LinkedIn: www.linkedin.com/in/abu-shohel-ahmed
GitHub: github.com/Shohel-Ahmed-007

Email: shohelahmed8133@gmail.com
Mobile: +91-8133096027

SKILLS

- **Languages**: JavaScript, Java, C, C++, Python
- **Frameworks:** HTML and CSS, React.js
- **Tools/Platforms:** VS Code, Git & GitHub, Figma
- **Soft Skills**: Problem-Solving Skills, Project Management, Adaptability

PROJECTS

- **Password Strength Checker | HTML, CSS, JavaScript** — Sep 2024 – Oct 2024
  - Developed a web-based Password Strength Checker that provides real-time feedback on password security
  - Implemented a dynamic strength meter with color-coded indicators (Weak, Medium, Strong)
  - Added customizable security rules, including minimum length, special characters, and numbers
  - Integrated password generation, saving, and copying features for user convenience
  - Included Dark Mode support with customizable themes for enhanced user experience

- **Snake Game | Python, Pygame** — Aug 2023 – Nov 2023
  - Developed a fully functional classic Snake Game using Python and the Pygame library, featuring real-time graphics and smooth interactive controls
  - Programmed dynamic snake movement that updates in real-time based on continuous arrow key 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
  - Maintained consistent frame rate and user feedback through optimized game logic and efficient event handling

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 – Jul 2024
- Cloud Computing NPTEL course by IIT Kharagpur — Jul 2024 – Oct 2024

ACHIEVEMENTS

- **5-Star in Java & C++, HackerRank**: — Sep 2024 – Feb 2025
  - Achieved the highest rating in Java & C++ on HackerRank, showcasing strong problem-solving and algorithmic skills
  - Solved a wide range of problems focused on logic building, pattern recognition, and algorithm design
  - Demonstrated efficiency in writing clean, optimized, and bug-free code under time constraints
  - Recognized for precision debugging and logical thinking while handling complex edge-case scenarios

- **Office Assistant, Bhai Bhai Savings & Credit NGO:** — June 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
  - Built strong relationships with team members, volunteers, and local communities

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