

# LIKHON BAROI

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🔗 [LeetCode](#)

🏆 [Codeforces](#)

## EDUCATION

**City University, Dhaka**

*Bachelor of Science in Computer Science and Engineering*

– CGPA: 3.32 / 4.00

**2019 – 2024**

*Dhaka, Bangladesh*

## TECHNICAL SKILLS

**Languages:** C/C++, C#, JavaScript, PHP, SQL

**Frameworks:** Laravel, ASP .NET Core

**Web & API:** HTML, CSS, JavaScript, RESTful APIs, Bootstrap

**Database Management:** RDBMS, MySQL

**Software Development:** SDLC, STLC, MVC, Agile Methodologies

**Tools & Platforms:** Git, GitHub, VS Code, Vim, MySQL Workbench, LaTeX

**Core Competencies:** Strong knowledge in core computer science fields such as Data Structures, Algorithms, OOP, Database, Software Engineering, SQA.

## PROJECTS

**University Hall Management System** | PHP, Laravel, Html, CSS, JS, Bootstrap **2024**

- Developed a comprehensive web application to manage university hall accommodations, integrating secure authentication and real-time data visualization.
- Implemented user role-based access control, secure user authentication, 2FA, OTP verification and a dynamic dashboard for real-time data analysis.

**Emacs as an IDE** | C, Emacs Lisp, Configuration

**2023**

- Customized Vanilla Emacs to serve as a robust IDE, integrating advanced programming tools and configurations to enhance productivity.
- Tailored setups for multiple languages, emphasizing efficiency and modular development workflows.

## Problem Solving Skills

- 5 Stars in C++ - HackerRank
- 5 Stars in Problem-Solving - HackerRank
- Solved 1000+ problems on various online judges, proficient in DSA, consistently delivering efficient solutions to real-world challenges under strict constraints.
- **Codeforces:** Max rating 1371 (*Pupil*)

## EXTRACURRICULAR

**Competitive Programming**

**2021 – 2023**

*Participant*

*Multiple Contests*

- Grace Hopper Programming Camp, organized by: BdOSN
- Actively participated in inter-university programming contests & regional ICPC qualifiers.
- Developed and refined algorithmic problem-solving skills under competitive conditions.