

## Billal Hossain

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Homna, Cumilla, Bangladesh

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 billal297222

 billalhossain297222

 portfolio



## OBJECTIVES

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Motivated and detail-oriented undergraduate software engineer with a solid background in software development. Enjoys solving problems, thinking creatively, and learning new technologies quickly. Looking for opportunities to apply skills, contribute to a team, and grow in a dynamic software development environment.

## EDUCATION

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### Noakhali Science and Technology University

March 2022 – Present

Bachelor of Science in Software Engineering

CGPA: 3.34(5<sup>th</sup> semester)

### Adhyapak Abdul Majid College, Cumilla

July 2018 – May 2020

HSC in Science

GPA: 5.00

### Dulalpur C.M High School

January 2013 – March 2018

SSC in Science

GPA: 5.00

## SKILLS

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

**Frontend:** HTML, CSS, Javascript

**Backend:** Django, PHP, Laravel

**Database:** MySQL

**Data Analysis:** Numpy, Pandas, Matplotlib, Seaborn, scikit-learn

**Version Control:** Git, Github

## Online Judges

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Engaged in competitive programming with over 600 problems solved across various platforms.

[Codeforces](#) : Max Rating - 1211(pupil), Solved Count: 400+

[Codechef](#) : Max Rating - 1458 ★★, Solved Count: 160+

[Beecrowd](#) : Solved Count: 56+

## PROJECTS

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[Agrowave](#) 

May 2024 – November 2024

- Agrowave enables farmers to make better decisions with crop and fertilizer predictions, weather updates, and tool hiring. It also connects farmers and buyers through a digital marketplace for selling and purchasing crops.
- **Tech Stack:** Python, PHP, HTML, CSS, Javascript

#### EventHub

April 2025 - May 2025

- EventHub streamlines event planning by allowing organizers to create, edit, and showcase events with full details and live Google Maps integration. It includes an admin panel to manage users, posts, and moderate content in real time.
- **Tech Stack:** Laravel, HTML, CSS

#### Dungeon Crawler

March 2023 – September 2023

- A real-time dungeon crawler game where a single hero navigates and battles multiple enemies using strategic combat to survive. The game ends if the hero is defeated, creating an engaging and challenging experience.
- **Tech Stack:** Java

#### Human Disease Prediction

October 2024 - November 2024

- A predictive system that analyzes user-reported syndromes and historical disease data to forecast potential diseases. It features a user-friendly web interface that delivers personalized, data-driven insights for timely disease prevention and preparedness.
- **Tech Stack:** Django, HTML/CSS
- **ML Algorithms Used:** Decision Tree, Random Forest, Naive Bayes

### **PARTICIPATION AND ACHIEVEMENT**

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- 4rd place in the "Intra NSTU Programming Contest-2023, CSTE"
- Participated at "Intra NSTU Programming Contest-2023," by Science Club, NSTU
- 9th place in the "Intra NSTU Programming Contest-2022, CSTE"

### **EXTRA CURRICULAR ACTIVITIES**

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- **Founder** at Naladakshin Student Society
- **Member** of IT Club, NSTU

### **REFERENCE**

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