Billal Hossain

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LinkedIn | GitHub | Portfolio

OVERVIEW

Motivated and detail-oriented Software Engineer with strong problem-solving skills, innovative thinking, and a solid foundation in software development. Adept at learning and applying new technologies quickly to create effective solutions. Seeking opportunities to contribute technical expertise, creativity, and a proactive mindset to a dynamic and forward-thinking software development environment

PROJECTS

Take a look at my software creations:

★ Agrowave   *-December 2024*
- We promote eco-friendly and sustainable farming technology
- Data-driven solutions for optimizing agriculture practices.
- Advance tools to empower farmers with technology.
- Built with HTML, CSS, JavaScript, PHP and Python to create an intuitive and responsive web interface.

★ EventHub   *-April 2025*
- Built with Laravel — A modern PHP framework that powers backend routing, database management.
- Dynamic Event Management — Organizers can create, edit, and list events with details like title, description, date, time, price, and location.
- Google Maps Integration — Displays event locations on an interactive map for easy venue discovery.

★ Dungeon_Crawler   *-june 2023*
- The game is a dungeon crawler with a single hero and multiple enemies.
- Real-time combat mechanics create a dynamic and engaging experience.
- Hero must strategically navigate and attack to survive and defeat all enemies.
- The game ends if the hero dies during gameplay.
- Technology Used Java.

★ Human_Disaster_Prediction   *-November 2024*
- Predictive Model for Disaster Detection — Using Django, the system analyzes user syndrome data and historical disaster patterns to predict potential disasters.
- User-Friendly Interface — A responsive web interface enables users to input syndrome data easily and receive personalized disaster predictions.
- Data-Driven Insights & Accuracy — The prediction model enhances accuracy by analyzing real-world disaster data and providing actionable insights from user input.

★ Software Requirements and Analysis - ClaretCorridor   *-December 2023*
- ClaretCorridor is a online blood donation platform that connect donors with recipients in need
- User-friendly interface to easily connect donors.

Online Judge & Contest Judge ID(s)

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+

SKILLS

Programming Languages: C, C++, Java, Python,Solidity
Technology: BlockChain.
Frontend: HTML, CSS, Javascript
Backend: Django, PHP, Laravel
Database: MySQL
Data Analysis: Numpy, Pandas, Matplotlib, Seaborn
Tools: Git, XAMPP
Languages proficiency: English, Bangla

EDUCATION

Noakhali Science and Technology University   *March 2022 – Present*
Bachelor of Science in Software Engineering
CGPA: 3.34(5th 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

PARTICIPATION AND ACHIEVEMENT

- Secured 3rd place in the Intra-University Programming Contest "Intra NSTU Programming Contest-2023, CSTE"
- Secured 9th place in the Intra-University Programming Contest "Intra NSTU Programming Contest-2022, CSTE"

EXTRA CURRICULAR ACTIVITIES

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

PERSONAL DETAILS

Father's Name   : Md Shahabuddin
Mother's Name   :Jharna begum
Date of Birth   :January 01, 2002
Gender   :Male
Blood Group   :O+
Nationality   : Bangladeshi
National ID   : 9584863717
Religion   : Islam
Permanent Address : Homna, Cumilla, Bangladesh
Current Location   : Noakhali, Chattogram, Bangladesh

HOBBIES

Football, Travelling, Cycling, Swimming

REFERENCE

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