

Ishtiaq Hossen

UNDERGRADUATE · STUDENT

Member Bari, Kuril Chourasta, Dhaka-1229

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”To work in an organization that provides me with ample opportunities to enhance my skills and knowledge along with contributing to the growth of the organization. ”

Skills

Programming Languages	Python,Java,Dart,C, C++,JavaScript,PHP
Markup Languages	HTML5, CSS3
Version Control System	Git,GitHub
Frameworks	Bootstrap,Flutter,Java FXML
Database	SQL
Software	Android Studio, Net-beansIDE, VSCode, PowerBI, Cisco Packet Tracer
Research	Solar tracking device with microprocessor, Machine Learning
Problem Solving	Solve 111 problems in beecrowd [Click URL] ,44 problems in codeforces [Click URL]

Education

Bachelor of Science

INDEPENDENT UNIVERSITY, BANGLADESH

2019 - Present

- Major: Computer Science and Engineering
- Minor: Management Information System

Projects

2022	Dhaka Metro Rail, IUB Autumn 2022 A solution of security management, ticket booking, operation management in various staffs for Dhaka Metro Rail Source Code: URL	Java, JavaFXML, CSS
2022	Money Management System, MONEY BOOK, Personal Project Developed user-friendly money management system by using JAVA FXML framework,used file handling for robust database management. Source Code: URL	Java, JavaFXML, CSS
2023	Lanka Bangla Financial Service Provider, TechFest Summer-2023 A comprehensive solution that seamlessly integrates a wide range of financial services, offering a user-friendly and secure environment for customers to manage their banking and financial transactions. From traditional banking services to innovative digital solutions, our platform is designed to enhance the overall customer experience. Source Code: URL	PHP, JavaScript, MySQL, HTML, CSS, Bootstrap4
2023	Weather Forecast Application, Autumn-2023 Shows daily weather updates with interactive UI of any selected or current location by using GPS and weather API Source Code: URL	Dart, Flutter, API
2024	Dur-Jatra Web App, Spring-2024 Dur-Jata is a hassle-free ticket booking platform for bus, plane, air, and ship travel, utilizing PHP, local SQL databases, and CSS. Source Code: URL	PHP, Javascript, CSS3, HTML5

Experiences

Software Development

PARTICIPANT

- Worked in 3 software development based projects including pure OOP concepts

IUB

2021 - Present

Student On Duty

JAVA TRAINER

- Train Students to build software by using JavaFXML framework with pure OOP concepts

IUB

2023 - Present

Publications

Single axis solar tracking device by using LDR sensor and aurdino programming , 2023

This research focuses on developing systems that optimize the orientation of solar panels along one axis

Published (typically east-west), maximizing energy capture by following the sun's path throughout the day, enhancing overall solar efficiency

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Research Gate Link: URL

Honors & Awards

2023 **Champion in Database Management Project**, TechFest Summer 2023

IUB

2024 **Champion in System Analysis and Design Project**, TechFest Spring 2024

IUB

Certifications

2021 **Java Beginner to Intermediate**, Udemy

online

2022 **Competitive Programming**, IUB contest

IUB

2023 **CCNA: Introduction to Networks**, Cisco

online

2023 **Master Git & GitHub beginner to expert**, Udemy

online

2023 **An Introduction to Cyber Threat Hunting in DNS**, APNIC

IUB

Extracurricular Activities

2019 **Volunteer**, Intra-IUB tech fest 2019

2022-2023 **Participant**, TechFest- IUB

2022 **Participant**, Competitive Programming- IUB

2023 **Participant**, SDG Contest

References

Senior Lecturer, IUB

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