

# MD. ARIFUL ISLAM

## Software Engineer (Web3)

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## EXPERIENCE

### Software Engineer

#### Brain Station 23 PLC.

March 2022 – Ongoing

Mohakhali, Dhaka 1212

- Web3 Engineering
- In-house Research

### Associate Software Engineer

#### Robust Research And Development (RRAD) Ltd.

Dec 2020 – Sep 2021

Niketon, Dhaka 1212

- Flutter Mobile App Development
- Backend Engineering

### Intern

#### Export Import (EXIM) Bank of Bangladesh Limited.

Sep 2020 – Dec 2020

Gulshan 1, Dhaka 1212

- Data-center operations and maintenance
- Core Banking

## PROJECTS

### Fischermooy: An on-chain e-commerce platform

#### Internet Computer Protocol (ICP)

2024

Netherlands

### Hotelereum: NFT Marketplace for Hotel Booking

#### Polygon PoS

2023

UK

### Digital Marking: Device Tracking Application

#### Health Tech

2023

Norway

### Customs Bond Commissionerate Applications

#### Bangladesh Customs

2021

Bangladesh

- Customs Info Mobile Application
- CBC Import Entitlement System

## SKILLS

Rust

Solidity

Python

TypeScript

Django

NestJs

Hardhat

NodeJs

Hyperledger Fabric

Microservice

Message Broker

AMQP Message

FDX

dApp

Smart Contract

DeFi

Uniswap V3

DAO

Marketplace Microstructure

ICP

GitHub Project

Jira

## EDUCATION

M.D.P. in ACMP 4.0 (Advanced Certificate for Management Professionals 4.0)

IBA, University of Dhaka

Oct 2023 – Dec 2023

### B.Sc. in Software Engineering

American International University-Bangladesh

Oct 2016 – Jan 2021

## TRAINING



### Cisco Certified Network Associate

- Introduction to Networks
- Switching, Routing, and Wireless Essentials
- Enterprise Networking, Security, and Automation



### Certification on Game Development, Ministry of ICT Division (2017)

- Advanced Mobile Game Development
- Mobile Game Graphics Design



### Autodesk Maya Essentials, Cycore Studios

3D Modeling and Animation (6 Months)

## PUBLICATIONS

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### Journal Articles

- M. A. Islam, "Distributed ledger technology based integrated healthcare solution for bangladesh (blockchain)," *IEEE Access*, vol. 11, 2022. DOI: <https://www.doi.org/10.1109/ACCESS.2023.3279724>.

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### Conference Proceedings

- M. A. Islam, "Distributed architecture for decentralized application," in *ICCIT 2024: IEEE 27th International Conference on Computer and Information Technology*, Cox's Bazar, Bangladesh, 2024.
- M. A. Islam, "Unlocking defi literacy: Understanding nft market microstructure in the decentralized finance landscape," in *ICBC 2024: 2nd IEEE International Workshop on Cryptocurrency Exchanges (CryptoEx 2024)*, Dublin, Ireland, 2024. DOI: <https://doi.org/10.1109/ICBC59979.2024.10634338>.
- M. A. Islam, "An automated monitoring and environmental control system for laboratory-scale cultivation of oyster mushrooms using the internet of agricultural thing (ioat)," in *ICCA '2022: Proceedings of the 2nd International Conference on Computing Advancements*, Dhaka, Bangladesh, 2022. DOI: <https://doi.org/10.1145/3542954.3542985>.

## MOST PROUD OF

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**International Blockchain Olympiad (IBCOL 2021)**  
Merit Award (2021)



**National Blockchain Olympiad – Bangladesh (BCOLBD 2021)**  
Finalist (2021)

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