



Md Saiful Islam

saiful.cse98@gmail.com | +8801626692265 | md-saiful.islam@udo.edu

EDUCATION

TU DORTMUND UNIVERSITY

MSC IN DATA SCIENCE

Starting April 2026 | Dortmund

JAGANNATH UNIVERSITY

BSc in COMPUTER SCIENCE

JAN 2018 to JAN 2023 | Dhaka

CGPA: 3.40 / 4.0

LAST SEM. GPA: 3.96 / 4.0

LINKS

Gitlab: //SaifulJnU

Github: //SaifulJnU

LinkedIn: //md-saiful-islam-swe

StackOverflow: //md-saiful-islam

Solearn: //md-saiful-islam

SKILLS

PROGRAMMING

Languages:

- Golang
- Javascript
- C++
- Python
- Java
- PHP

Tools & Frameworks:

- Git
- GitLab CICD
- GIN
- Docker
- gRPC
- RabbitMQ
- NATS
- K8s

Databases:

- MongoDB
- PostgreSQL
- ArangoDB

Familiar:

- ReactJS
- AWS (EC2, S3, Bedrock)

COURSEWORK

ONLINE COURSEWORK

Golang Bootcamp ([Udemy](#))

Building Web app in PHP ([Coursera](#))

UNDERGRADUATE

Data Structure and Algorithm

Object Oriented Programming

Database Management System

Computer Networking

Operating System

AI & Machine Learning

ACTIVITIES

Microsoft MSLA (Beta Level)

JnU IEEE SB, Organizing Secretary

Open Source contribution:

2020 Hacktoberfest Winner

2022 Hacktoberfest Contributor

LANGUAGE

- English(Fluent)
- Deutsch (A1 Level)

EXPERIENCE

SHIKHO TECHNOLOGIES BANGLADESH LIMITED

SOFTWARE ENGINEER (BACKEND)

July 2023 - Present | Dhaka, Hybrid | [Link](#)

- Researched, designed, and implemented KPI service for data sync between PostgresDB and MongoDB by using MongoStream
- Designed low level APIs and developed Analytics service for report-card using Nats, MongoStream, GORM (Bun)
- Implemented low level features for portal and CMS including sorting order, 100ms live-class integration, 2Factor OTP integration, and maintained technical documentation using Postman and ClickUp
- **Stack:** Golang, MongoDB, Postgres, REST, GraphQL, gRPC, Microservice

AHOM LIMITED | BLOCKCHAIN DEVELOPER (INTERN)

May 2023 - July 2023 | Dhaka, Remote | [Link](#)

- Studied and reverse-engineered selected modules of the Cosmos SDK
- **Stack:** Layer1 Blockchain, Golang, gRPC, Docker, Protobuf

SMARTBRIDGE | STUDENT PARTNER (INTERN)

Mar 2021 - June 2021 | India, Remote | Verify

- Built a project named Smart Attendance System using OpenCV and Flask
- **Stack:** Python, OpenCV, Flask

PRACTICE PROJECT

ORDER-NEST | [Link](#)

- Developed an order management system with low-level design and user authentication using Golang and GORM

BOOKS-AUTHORS | [Link](#)

- Implemented REST and GraphQL APIs for book and author management using Golang, JWT, Zap, and Prometheus

ACHIEVEMENT

HACKATHON | TEAM NAME: CRYING-OBSIDIAN

2022 top 9/50 Affine Blockchain Hackathon

2022 top 12/50 BUET Blockchain Hackathon

2022 top 43/500 Code Samurai Hackathon

PROBLEM SOLVING

- JnU Rank 2 in GeeksforGeeks | [Handle](#)
- 200 plus problem solved in Leetcode | [Handle](#)
- 5* Coder in HackerRank | [Handle](#)
- 250 plus problem solved in others online judges including codeforces, codechef, lightOJ, UVa | [StopStalk](#)

PUBLICATIONS

- [1] M. M. Ali, M. S. Islam, M. N. Uddin, and M. A. Uddin. A conceptual iot framework based on anova-f feature selection for chronic kidney disease detection using deep learning approach. *Intelligence-Based Medicine*, 10:100170, 2024.
- [2] M. S. Islam, M. M. Ali, M. N. Uddin, et al. A blockchain-based digital classified forensic image preservation framework. *Authorea*, 2024.