Md Rofiqul Islam

WORK EXPERIENCE

JANUARY 2020 – PRESENT

CloudHub Research Group (Baylor University)
Graduate Research Assistant

Responsibilities:
1. Working on SOA and Micro-Service (Distributed) architecture.
2. Developing Business Process Extraction project by static code and log analysis.
3. Researching on Architectural degradation and Technical Debt.

JANUARY 2018 – DECEMBER 2019

Tiger IT Bangladesh Limited. (Website Link)
Software Engineer

Role: Full-Stack Developer.
Responsibilities:
1. Worked on Driving License project of Bangladesh and Tajikistan with Java, Spring, ReactJS, Kafka, Redis, Elastic Search etc.
2. Worked on IOT based smart-home project using Python, C, Raspberry Pi, Arduino etc.
3. Worked on microservice architecture using Java, Spring Boot, ReactJS, Docker, Kubernetes, Kafka, NoSQL Database etc.

JUNE 2016 – NOVEMBER 2017

Robo-Lab (University of Dhaka)
Software and System Developer

Responsibilities:
1. Worked on hand-motion detection based project using Kinect.
2. Worked on gesture-controlled robot car project.

EDUCATION

2020–DEC,2021	**MS in CS** CURRENT CGPA - 3.50 *Baylor University, Texas*
2014 – 2017	**BSc in CSE** CGPA - 3.44 *University of Dhaka, Bangladesh*

ACHIEVEMENTS

- 2017 - Ranked 13th in Energy Hackathon, Dhaka.

- 2016 - Ranked 7th in Grameen Phone Smart City Hackathon, Dhaka.

✎ | 1825 S 3rd street, Waco, TX 76706
☎ | +1 (254) 400 4440
✉ | rofiqul_islam1@baylor.edu
☞ | https://rofiqul-islam.github.io
⌂ | https://github.com/Rofiqul-Islam
in | https://www.linkedin.com/in/md-rofiqul-islam-01/

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C, C++, Javascript.

- **Web Application Development:** Spring MVC, Spring Boot, ReactJS, NodeJS.

- **Database:** MySQL, Oracle, MongoDB, Neo4j, Hive, Redis.

- **Code repository:** Git, SVN.

- **Project Management Tools:** Maven, Ant, Gradle.

- **Others:** Docker, Kubernetes, Kafka, Jenkins, Elastic search, Hadoop, Spark.

IMPORTANT PROJECTS

HSDL	**High Security Driving License of Bangladesh (TigerIT Bd.)** *Spring MVC, .NET Framework, EJB, Hibernate JPA, Elastic Search, Oracle DB, Kafka.*
L-PARSER	**Static Business Process Extractor from Log (CloudHubs Research Lab)** *Docker, Java, Kubernetes, Springboot, Microservices.*
OMS	**Ontology Management System (Baylor University)** *ReactJS, Spring Boot, Hibernate JPA, Postgre, Neo4j.*
QUIC	**Demo version Of QUIC protocol (Baylor University)** *Invented by Google as a replacement of TCP, Java Socket Programming, Multi Threading, JUNIT 5.*