

# Araf Al-Jami

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## EDUCATION

### Leading University, Sylhet, Bangladesh

*Bachelor of Science*, April 2019

Major : Computer Science and Engineering

GPA: 3.43 / 4.00

## WORK EXPERIENCE

### Software Engineer

Shohoj Limited

Dhaka, Bangladesh | February 2020 - Present

- Develop RESTful and gRPC APIs in event-driven microservice architecture.
- Improved the performance of nearest provider search upto 33% by refining the algorithm and data store.
- Work on a service to provide Identity Access Management service for millions of users.
- Architect a User Access Management system which consolidated user management for 6 different verticals to 1 single system.
- Develop tools to migrate millions of users from different user stores to 1 single consolidated user store.
- Implemented a service to aggregate location history data in a friendly format for analytics using RabbitMQ to aggregate the history in an event-driven process.
- Write scripts/tools to load test services ensuring the desired performance is achieved.
- Follow Test Driven Development methodology to write robust, adaptable code.

### Software Engineer

SELISE Digital Platforms

Dhaka, Bangladesh | November 2018 - January 2020

- Developed full stack web applications fulfilling business requirements using Angular and .NET Core Technologies.
- Worked on multiple projects and implemented business requirements for Selise Auditing and Certification Platform.

## TECHNICAL SKILLS

C/C++ Python JavaScript .NET C#  
TypeScript Linux Git Angular  
Nodejs Express SQL NoSQL REST  
Jira Redis RabbitMQ Mqtt

## PROJECTS

### Coder Ranklist

Visualization

[link](#)

- Generated programming profile for easier evaluations of overall performance and exposed the data via RESTful APIs using Node.js, MongoDB, Redis and Heroku.

### Project Renegade

Video Game

[link](#)

- An FPS game on Android Platform. Developed as University Third year final project. Technologies used: Unity3d, C#, Blender.
- Lead the development team, executed the development process, helped with task distribution.
- Developed the Gameplay system, UI System, AI System.

## AWARDS & ACHIEVEMENTS

### Competitive Programming Contests

September 2014 - Present

- 10th place (4th place University wise) out of 150 teams at IUBAT ACM NCPC 2018.
- 16th place (6th place University wise) out of 120 teams at MIST IUPC 2019.
- Active participant in online coding challenges on sites such as TopCoder, Codeforces.
- Achieved Maximum Rating of 1982 (top 4%) in Codeforces. Handle: CLOWN1331.
- Achieved Maximum Rating of 1469 (Division 1) in TopCoder. Handle: CLOWN1331.