



# Towfiqul Islam

Software Engineer

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📍 Dhaka, Bangladesh

## 📄 Profile

I am a Software Engineer who graduated from Computer Science and Engineering working since September 2019, focused and quick-learner, skilled and results-oriented Software Engineer with more than 2 years of experience in the IT Industry with a passion for developing innovative programs that expedite the efficiency and effectiveness of organizational success in a variety of environments with a breadth of programs and technologies. Well-versed in technology and writing code to create systems that are reliable and user-friendly. I have the proven ability to motivate, educate, and co-operate with a team of professionals to build software programs and effectively track changes. Confident communicator, strategic thinker, and innovative creator to develop software that is customized to meet a client's needs, highlight their core competencies, and further their success.

- \* Strong in design and integration with intuitive problem-solving skills.
- \* Proficient in Java (Spring Boot), MySQL, Oracle, DynamoDB, Tomcat, Docker.
- \* Worked on various small and large projects and delivered on time.
- \* Ability to translate business requirements into technical solutions.
- \* Passionate about implementing and launching new projects.

## 🧠 Skills

### Programming Language ● ● ● ● ●

Java (Spring Boot), PHP (Laravel),  
Bash, Python, C/C++, JavaScript  
(jQuery)

### Database ● ● ● ● ●

SQL, MySQL, MariaDB, Oracle, DynamoDB,  
MongoDB

### Testing Tools ● ● ● ● ●

Postman, JUnit, Rest Assured, TestNg

### DevOps ● ● ● ● ●

Docker, AWS, Terminal

### Development Tool ● ● ● ● ●

Feign Client, Rest Template, Maven,  
Gradle, Composer, Git, JIRA, Agile  
Methodologies (Scrum)

### Server ● ● ● ● ●

Apache, Tomcat, GlassFish

## 🎓 Education

**Bachelor of Science in CSE,**  
International Islamic University Chittagong ☑

Mar 2014 – Nov 2019  
Chittagong, Bangladesh

## 📁 Professional Experience

**Software Engineer, SELISE** ☑ Nov 2021 – present  
Dhaka, Bangladesh

- Responsible for defining & developing software for tasks associated.
- Develop enhancements to existing products.
- Collaborate in a team environment to share best practices.
- Implement process improvements.
- Ensure software quality.

## Software Engineer, Exabyting ☑

Dec 2019 – Nov 2021  
Dhaka, Bangladesh

- Developed various Govt and Private Web Application and Services.
- Planned development cycle and collected requirements for developing software.
- Managed three members group and delivered task within deadline.
- Worked with bKash Limited as Partner Team with their Solution Engineering Team.
- Learned software design patterns, clean coding, communication and taking ownership.
- Work in Agile/Scrum development process.
- Review and Analyze Project requirement Document.
- Prepare release note and conduct deployment.
- Demo presentation on demand.

## Java Software Engineer (Part-time), TechServe4U ☑

May 2021 – Oct 2021  
Michigan, USA

- Developed various Web Application and Services for testing applications.
- Planned development cycle and collected requirements for developing test software.
- Prepared positive and negative test cases depending on requirements.
- Supported others on Java Programming.

## Software Engineering Intern, Inlack Limited ☑

Sep 2019 – Nov 2019  
Dhaka, Bangladesh

## CS Teacher & Competitive Programming Coach,

Presidency International School ☑

Oct 2018 – Aug 2019  
Chittagong, Bangladesh

- Programming Contest Trainer, Club Convener and Various Program Coordinator.
- Taught C++ and Python Languages on the context of Programming Contest along with Basic Algorithms and Data Structures.
- Arranged various offline and online contest for the students

## Awards

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### Team Award as Coach:

- IIUC IUPC 2017, my team CJC\_TEAM\_1971 Ranked 2nd Position. <https://goo.gl/DJnuAy> ☑
- EDU Programming Contest 2018 , my team CJC\_TEAM\_1971 Ranked 5th position. <https://goo.gl/JTPNuu> ☑

### ACM Profiles:

- 5th Position on CSE Week Programming Contest 2016. <https://algo.codemarshal.org/contests/cseweek-2016/standings> ☑
- Participated in the divisional onsite contest: IIUC IUPC 2015,2016, USTC IUPC 2016 Solved 500+ problems in various online judge.
- Virtual Judge ID: UVA: 448714 ☑, CF: laziestcoder ☑, HR: Laziest\_Coder ☑

## Projects

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### bKash Agent App ☑

bKash Agent App, which is one of the most popular and financial apps for bKash Agents. bKash Agent App Middleware is a service that supports the Agent App to be functional. It also depends on other internal services. Implemented Pay Bill service into bKash Agent App. It is one of the core products of bKash Limited.

**Technology:** JAVA(Spring-Boot), API, DynamoDB, AWS, Firebase

### Airtime Management System-AMS ☑

An Internal Web Application of bKash Limited. Implemented basic main REST APIs, maker checker approval flow, and Email notification. Integrated log-back config, scheduler with async methodology and feign client.

**Technology:** AVA(Spring-Boot), API, JS, Oracle

### Saving-DPS ☑

An Internal Web Application of bKash Limited. A service for bKash App which allows customers to open a DPS.

**Technology:** JAVA (Spring-Boot), API, JS, MySQL, AWS

### MULTIBANK

An Internal Web Application of bKash Limited. Implemented SFTP inbound/outbound, Configurable Email notification with async methodology, maker checker approval flow and log-back integration.

**Technology:** JAVA(Spring-Boot), API, JQuery, MySQL, Spring-Integration

## PREVENTO

It's an App where users provide information - gender, age, height, weight, diagnosed illnesses, risk factors, and the app will create a personalized health care plan. The app will be provided tasks each month and Clients of selected medical partners write a message to a doctor and get an answer.

**Technology:** PHP(Laravel), API, JQuery, MySQL, AWS, Google Analytics, Firebase.



## Languages

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- English
- Bengali