



# Towfiqul Islam

Software Engineer

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📍 Dhaka, Bangladesh

## 📄 Summary

Several years of experience 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

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Java 7, Java 8, Java 11 (Spring Boot, Camel), PHP (Laravel), Bash, Python, C/C++, JavaScript (jQuery)

### DevOps

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Docker, AWS, CLI, Jenkins, Ansible, Kubernetes

### IDE & Other Tools

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IntelliJ IDEA, PHPStorm, VS Code, Sublime Text, MySQL Workbench, MongoDB Compass

### Server

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Apache, Tomcat, GlassFish, Karaf

### Database

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JPA, Hibernate, Eloquent, SQL, MySQL, MariaDB, Oracle, DynamoDB, MongoDB

### Development Tool

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Feign Client, Rest Template, Maven, Gradle, Composer, Git, JIRA, Agile Methodologies (Scrum), Google Analytics, Firebase, Swagger, Active MQ, Kafka

### Testing Tools

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Postman, JUnit, Rest Assured, TestNg

### OS

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Ubuntu, CentOS, Arch OS

## 📁 Professional Experience

**Software Engineer (Full-time, Remote), 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 (Full-time, Remote), 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, Remote), 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, Inflack Limited ☑

Sep 2019 – Nov 2019  
Dhaka, Bangladesh

**Inflack**, is an experienced and passionate group of developers, designers, and project managers. **Inflack** believes best-in-class digital projects require technology that perfectly supports the design and relies on the right tools for the job, not a one-size-fits-all tech stack.

## 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 ☑

## Education

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

Mar 2014 – Nov 2019  
Chittagong, Bangladesh

## Projects

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### Inventx

This project process some financial documents and provides a proxy route system.

**Technology:** JAVA (Camel), Kafka, Active MQ

### bKash Agent App ☑

**bKash** Agent App, which is one of the most popular and financial apps for **bKash** Agents. 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:** JAVA(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

## Volunteer Experience

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**Chittagong Junior Coders,** *Founder, Secretary*

May 2015 - present  
Chittagong, Bangladesh

It was founded in May 2015 for removing the lack of Programming and to inspire Bangladeshi school and college students for participating in the Programming Contest and Coding. Basically, our classes are based on Bangladesh Informatics Olympiad and International Olympiad in Informatics syllabus.

<https://www.facebook.com/ctgjcc/>

**Chittagong Math Circle,**

*Member, BOD. Former President*

Jul 2016 - present  
Chittagong, Bangladesh

A group for helping and encouraging school students and college students in PHYSICS, ASTRONOMY, PROGRAMMING, and specially MATHEMATICS.

<https://www.facebook.com/cmthcircle>