Towfiqul Islam *Software Engineer*

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🖊 https://laziestcoder.github.io   📍 Dhaka, Bangladesh

in https://www.linkedin.com/in/towfiq106/   ⊙ https://github.com/laziestcoder

Several years of experience with a passion for developing innovative programs that expedite the efficiency and effectiveness of organizational success in various environments with a breadth of programs and technologies. Well-versed in technology and writing code to create reliable and user-friendly systems. 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 customized software to meet a client's needs, highlight their core competencies, and further their success.

* Strong in integration with intuitive problem-solving skills.
* Proficient in Java (Spring Boot), MySQL, Oracle, DynamoDB, Tomcat, and 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 7, Java 8, Java 11 (Spring Boot, Camel), PHP (Laravel), Bash, Python, C/C++, JavaScript (JQuery)

Database ● ● ● ● ○
Spring Data, JPA, Hibernate, Eloquent, SQL, MySQL, MariaDB, Oracle, DynamoDB, MongoDB, PostgreSQL

DevOps ● ● ● ● ○
Docker, Jenkins, AWS, CLI, Ansible

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

IDE & Other Tools ● ● ● ● ●
Intellij IDEA, PHPStorm. VS Code, Sublime Text, MySQL Workbench, MongoDB Compass

Testing Tools ● ● ● ● ○
Postman, JUnit, Rest Assured, TestNg

Server ● ● ● ● ○
Tomcat, Apache, GlassFish

OS ● ● ● ● ○
Ubuntu, CentOS, Arch OS

Professional Experience

11/2021 – present
Zürich, Switzerland

Software Engineer (Full-time, Remote), *SELISE* ⧉
• 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.

12/2019 – 11/2021
Dhaka, Bangladesh

Software Engineer (Full-time, Remote), *Exabyting* ⧉
• 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.

05/2021 – 10/2021 Michigan, USA	**Java Software Engineer (Part-time, Remote),** *TechServe4U* ☒ • 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.
09/2019 – 11/2019 Dhaka, Bangladesh	**Software Engineer(Full-time),** *Inflack Limited* ☒ **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.
10/2018 – 08/2019 Chittagong, Bangladesh	**CS Teacher & Competitive Programming Coach,** *Presidency International School* ☒ • 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
01/2018 – 09/2018 Chittagong, Bangladesh	**Software Engineer(Part-time),** *Synchronise IT*

Awards

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

03/2014 – 11/2019 Chittagong, Bangladesh	**Bachelor of Science in CSE,** *International Islamic University Chittagong* ☒

Projects

Teiseiniso, *(Can't disclose real name)*
An IoT-based project is developed for a company that produces electrical vehicles and spaceships. This is a complete dynamic project that is multi-tenant-based and multi-role-based which provides various solutions to that company and handles millions of data.
Technology: Java (Spring Boot), C Libraries, DB (PostgreSQL, Cassandra), MQ (Rabbit, Kafka), Redis, Azure DevOps, REST API, JS, Angular, HTTP, HTTPS, Web Socket, MQTT, CoAP, SNMP

Inventexify, *(Can't disclose real name)*
This project process some financial documents and provides a proxy route system. This project helps one renowned financial organization to make their work easier and more efficient.

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

English • Bengali

Volunteer Experience

05/2015 – present
Chittagong, Bangladesh

Chittagong Junior Coders, *Founder, Secretary*
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/ctgjc/

07/2016 – present
Chittagong, Bangladesh

Chittagong Math Circle, *Member, BOD. Former President*
A group for helping and encouraging school students and college students in PHYSICS, ASTRONOMY, PROGRAMMING, and specially MATHEMATICS.
https://www.facebook.com/cmthcrcle