



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

Projects

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

- English
- Bengali