Towfiqul Islam
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Professional Experience

Solution Engineer, Partner Team, bKash Limited (Dec '19-Current)

bKash is a mobile financial service in Bangladesh operating under the authority of Bangladesh Bank as a subsidiary of **BRAC Bank Limited**. This mobile money system started as a joint venture between BRAC Bank Limited, Bangladesh and Money in Motion LLC, United States of America.

Key Responsibilities

Main Responsibility: *Analyzing Problems* and *Designing Solutions* for **bKash R&D**.

Coding: Implementation of *solution* using specific *programming stack*.

Requirement analysis: Analysis of the *requirements* & *developing logic*.

Developer end testing: Through *verification* of output against requirements.

Software Engineer, Inflack Limited (Sep '19-Current)

Inflack, a software consultancy company works both on big scale government & private projects. *Inflack* operates with the vision at its core to achieve the highest bar on customer collaboration.

Key Responsibilities

Coding: Conversion of the requirements into production code.

Requirement analysis: Analysis of the requirement & stakeholder communication.

Developer end testing: Through verification of output against requirements.

Cultural advocacy: Promote company norms & values to both employees & customers.

Software Engineer (Part time), Exabyting Limited (Nov '20-Current)

Exabyting, a software consultancy company works on big scale private projects. *Exabyting* operates with the vision at its core to achieve the highest bar on software quality.

Work Highlights

PREVENTO

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.

Work position: Backend Developer

Technologies: PHP (Laravel), API, JQuery, MySQL, AWS, Google Analytics, Firebase, Docker

TAXSENSE

A software based on Tax Calculation and Tax Report Generator for Ahkam and Associates Business Limited.

Technologies: PHP (Laravel), Docker, JQuery, MySQL.

HR ACR

Application developed for Ministry of ICT for generating Annual Confidential Report of employees.

Technologies: PHP (Laravel), Docker, JQuery, MySQL.

IMS

A software called Inventory Management System for Electoral Training Institute for managing different types of product, stock, purchase and tracking the distributed items.
Technologies: PHP (Laravel), Docker, JQuery, MySQL.

Skills

Java	PHP	Python	Docker	Bash	GIT	Laravel	MySQL	JavaScript
JIRA	JQuery	Unix	Postman	AWS	Firebase	Google Analytics	Swagger	C/C++
Hibernate	PhpStorm	GlassFish	Spring Boot	Spring Integration	Oracle DB	Dynamo DB	Tomcat	Intellij IDEA
Linux CLI	SFTP							

Other Project and Activities

ITMS

Transportation Management System for IIUC as my final year project which handles the hassles regarding transportation systems.
Technologies: PHP (Laravel), XAMPP, JQuery, MySQL

BDT_TMS

Bangladesh Tour and Travel Management System, a solution for Bangladeshi Tourists and Travelers.
Technologies: PHP, OOP, XAMPP JQuery, MySQL

Awards & Achievements

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 divisional onsite contest: *IIUC IUPC 2015,2016, USTC IUPC 2016* Solved **500+** problems in various online judges.
- Virtual Judge ID: **UVA**: 448714, **CodeForces**: *laziestcoder,* **HackerRank**: *Laziest_Coder*

Education

B.Sc. in Computer Science & Engineering '19	HSC '13	SSC '11
Int'l Islamic University Chittagong	Govt. City College Chittagong	Govt. Muslim High School Chittagong

Personal Information

Father's Name: Karimul Islam
Mother's Name: Salina Akter
Nationality: Bangladeshi
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