



# Farhan Tanvir

Full Stack Developer

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## About Me

I'm a software engineer working on font-end and back-end development. I have a passion for new technology and love to create application for web, mobile and iot devices.

## Awards

### Nasa Space Apps Challenge 2016

First Position in Bangladesh  
Project Name: Agro Sky lab

### Make-A-Thon 2016

Fifth Position in Bangladesh  
Project Name: Durbar

### Korean Innovation Academy

Gold Medal from Indonesia  
Universities Ubudiyah Indonesia  
Project Name: Anirbaan

## Training

### Laravel E-Commerce Restful API

Udemy, 3 Hours Course  
<https://www.udemy.com/certificate/UC-OH31ZTCG/>

### OOP in Java

LICT, 6 Months Course

## Experience

Present	Senior Assistant Programmer	Daffodil Computers Ltd, Employee
	<ul style="list-style-type: none"><li>Smart cards can serve as the foundation for a wide range of applications, providing opportunities to streamline security and administrative tasks across the entire campus.</li><li>The process starts during student admission or when faculty/staff receive their new hire orientation.</li><li>It is here that the Institute issues a durable, smart ID card embedded with RFID technology.</li><li>Once an education district implements smart ID cards, the technology serves as the ideal foundation for ongoing benefits, campus-wide.</li></ul>	
Mar/2016		
Present	Founder	AppHostBD, Self-Employed
	<ul style="list-style-type: none"><li>AppHostBD is a information technology base company. We Build Technology To Improve The Quality Of User Experience.</li><li>We provide API Base and IOT software. Open Source Library and Package in Laravel.</li></ul>	
Jan/2014		

## Education

Dec/2017	<b>Daffodil International University</b> B.Sc. Software Engineering Result: 3.46 / 4
Jul/2012	<b>Collectorate public college, nilphamari</b> HSC in Science Result: 3.60 / 5
May/2010	<b>Collectorate public school, nilphamari</b> SSC in Science Result: 4.25 / 5

## Qualifications

- Proficiency in Linux systems: CentOS, Debian, Ubuntu OS.
- Experience in Bash, Git, Python, Java, PHP, Dart, JavaScript.
- Experience in Python development frameworks ( Django, Flask and Odoo ).
- Experience in PHP development frameworks ( Laravel, Lumion and CodeIgniter ).
- Experience in Spring Boot framework.
- Experience in Angular, AngularJS, Material, Bootstrap.
- Experience in MS SQL, MYSQL, PostgreSQL.
- Experience in MQTT Protocol for IOT.

## Project information

Present	1Card App DIU	Daffodil Computers Ltd, Employee
	<ul style="list-style-type: none"><li>1Card App look like Campus Wallet. Payment is performed by scanning a QR code from a mobile app. This is an alternative to doing electronic funds transfer at point of sale using a payment terminal. This avoids a lot of the infrastructure traditionally associated with electronic payments such as merchant accounts, payment terminal.</li><li>Technology : Android App</li><li>Project URL : <a href="https://play.google.com/store/apps/details?id=com.onecard.bd.daffodil">https://play.google.com/store/apps/details?id=com.onecard.bd.daffodil</a></li></ul>	
Mar/2018		
Oct/2019	laravel FPDF Package	AppHostBD, Self-Employed
	<ul style="list-style-type: none"><li>FPDF is a PHP class which allows to generate PDF files with pure PHP, that is to say without using the PDFlib library.</li><li>Technology : Laravel framework</li><li>Project URL : <a href="https://github.com/apphostbd/laravel-fpdf">https://github.com/apphostbd/laravel-fpdf</a></li></ul>	
Oct/2019		

# Skills

Flutter Framework

Python

Laravel Framework

Codeigniter Framework

Spring Boot Framework

Angular JS

The skill scale is from 0 (Fundamental Awareness) to 5 (Expert).

# Language

English

Bangla

# Reference

**Md. Khaled Sohel**

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Apr/2018

Jan/2018

Dec/2017

Sep/2017

Aug/2017

Feb/2017

Feb/2017

Dec/2016

Dec/2016

Aug/2016

Jul/2016

Jun/2016

Mar/2016

Apr/2015

Jun/2016

Apr/2015

Mar/2016

Jan/2014

Tuition Fees

Daffodil Computers Limited, Employee

- Student can pay tuition fees through online and app from anywhere and anytime. Many institute have been implemented. such as Daffodil University, Daffodil School, Daffodil College, Daffodil Institute of IT, Skill.jobs etc.
- Technology : Third party payment Api integration sslcommerz, DBBL Gateway , bKash Gateway

Bus Fare Automation

Daffodil Computers Limited, Employee

- Passenger has to swipe the card in the RFID reader and he has to a destination point in the device will automatically calculates the fare and deduct the money automatically.
- Technology : RFID, Android App

Printing Automation

Daffodil Computers Limited, Employee

- User can print documents via email or Laptop/Desktop computer from any printer, sent documents. User can see their transactions report from their panel or 1Card App. Admin can see report of individual/all users.
- Technology : RFID, C, Laravel Framework

Gym Automation

Daffodil Computers Limited, Employee

- User has to swipe the card in the RFID reader then check balance and Gym gate open. Second time Swipe the card automatically calculates the amount and deduct the money automatically. User can see their transactions report from their panel or 1Card App. Admin can see report of individual/all users.
- Technology : RFID, java, MS SQL, Laravel Framework

Parking Automation

Daffodil Computers Limited, Employee

- RFID based Car Parking System is a simple project that offers an efficient car parking automation system with the help of RFID Technology. Car parking management in organisations and malls often consists of many tasks like issuing tokens, noting the check-in and check-out time, calculating fare and finally collecting the amount.
- Technology : UHF, RFID, mqtt protocol, C, Java, Spring Boot Framework

TopUp Service

Daffodil Computers Limited, Employee

- Mobile Recharge Any prepaid/postpaid phone Number.
- Technology : Use in Third Party Api integration (SSL Commerce)

Agro Sky lab

Daffodil International University, Student

- Develop a web tool, mobile device app or add-on for existing apps or websites that leverages NASA imagery and climate data to illustrate the impacts of our changing Earth in areas of interest to you.
- Project Url: <https://2016.spaceappschallenge.org/challenges/earth/earth-live/projects/agro-skylab-durbar>

Home Automation

Daffodil International University, Student

- Home automation is building automation for a home, called a smart home or smart house. A home automation system will control lighting, climate, entertainment systems, and appliances.
- Technology : Python, C , Raspberry pi

School Management System

AppHostBD, Self-Employed

- All-in-one school management software and school management system with features like Admission System, Student Result System, Accounting System, Online Exam, parent-teacher-student communication.
- Technology : CodeIgniter framework, Bootstrap 3.3.7 HTML
- Project URL : <http://school.apphostbd.com>