

# Md. Rashad Tanjim

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## Career Objective

Looking forward to obtaining a position of Software Engineer in the fast-paced tech environment to utilize well-honed skills in Computer Science and my extensive experience in developing customized software based on varying client demands.

## Academic Qualification

April 2016 -  
October 2020

North South University, Dhaka, Bangladesh

- > Degree : BSc in Computer Science and Engineering | CGPA : 3.51
- > Major : Artificial Intelligence | Minor : Software Engineering, Networking
- > Achieved 25% Academic Scholarship at North South University

## Work Experience

January 2019 -  
Present

Software Developer (remote), ExcelsiorBD, <http://excelsiorbd.co>

- > Developed and tested e-commerce and business websites, monitored security vulnerabilities
- > Built android app using different libraries, worked with Map API, JSON and Firebase

Android Laravel WordPress Magento Testing Cloud Deployment

## Technical Skills

Programming Languages	C++, Java, Python, PHP, JavaScript
Web Development	Laravel, Django, Bootstrap, Rest-API, SOAP, JSON, Ajax, JWT
ML Frameworks	Keras-Tensorflow, PyTorch, Scikit-learn
App Development	Android (Intermediate), Flutter (Beginner)
Database	Firebase, MySQL, SQLite, MongoDB
SQA, Workflow	Git, Jira, Selenium, Postman, JUnit
DevOps	AWS, Heroku, Docker, Kubernetes
Misc	MVC & MVVM Architectures, Redis, WHIM-Cpanel

## Honors & Awards

- 2020 Presented Paper online in International Conference at IEEE Intelligence System; Verna, Bulgaria
- 2020 Research Assistant under the supervision of Dr. M. Monir Uddin at NSU (Link)
- 2019 Placed **15th** among 150 teams on NASA App Challenge Bangladesh
- 2019 Won **2nd** Runners-up position among 30+ teams from different universities at Hack\_NSU Hackathon

## Publications [Google Scholar Profile](#)

- 2020 Application of Fuzzy Logic on CT-Scan Images of COVID-19 Patients - *International Journal of Intelligent Information and Database Systems*
- 2020 Application of Data Mining Techniques on Air Pollution of Dhaka City - *IEEE Intelligence System*
- 2020 Forensic Analysis of Bangla Handwritten Letters - *ACM ICCCM Conference*

## Certifications & Training

- 2020 Certified **Getting Started of Docker & Kubernetes Engine** from *Coursera.org* (Link)
- 2020 Achieved Professional Level Certification on **Automated Software Testing : Unit Testing, Coverage Criteria and Design for Testability** form *Edx.org* (Link)
- 2019 Completed Web & App development courses from *Udemy online learning platform*
- 2018 Achieved Certification on **C# Fundamentals** Instructed by *Bob Tabor, Developer University, Microsoft*

## Projects

### Real-Time-Conversational-AI-Bot

April 2020 - June 2020

 [github.com/RashadTanjim/Real-Time-Conversational-AI-Bot](https://github.com/RashadTanjim/Real-Time-Conversational-AI-Bot)

Implemented deep learning approach which can be used to communicate with customers at any E-Commerce site having multiple language support including Bengali.

PyTorch Library Deep Learning NLP BERT Model

### Ebakx.com - Ecommerce site

December 2019 - April 2020

 <https://www.ebakx.com>

Developed the E-commerce site for an international client, configured SEO & Cloud Security and raised monthly visits by 70%.

CMS Bootstrap SEO CloudFlare Memcached SSL

### NASA Space App Challenge Project - App & ML Model

September 2019 - October 2019

 [github.com/masudurHimel/Save\\_The\\_World](https://github.com/masudurHimel/Save_The_World)

Built an app that can take images and send it to the web server, applied deep learning model on the back-end to show the impact of Deforestation in Real-time.

JWT Rest-API Android UI/UX Retrofit Cpanel ML

### Student Resource Forum - Website

April 2019 - October 2019

 Technical Details Report

Developed and Tested by following SDLC methodologies to meet users expectations.

SRS MVC Unit Testing Manual Testing Laravel Bootstrap

### Travel Buddy Finder - Android App & Website

January 2019 - October 2019

 [github.com/RashadTanjim/Travel-Buddy-Finder-App](https://github.com/RashadTanjim/Travel-Buddy-Finder-App)

Developed using native Android, Tested using JUnit and Postman. The purpose of this app was to share riding among users, here I have used CMS and Bootstrap for developing website and connected this two platforms through API.

Firebase Auth JSON Rest-API Android MVC Map-API AWS EC2

## Problem Solving

- 2018 - 2019 Participated in **Intra NSU Programming Contest** (solved 5 problems using C++)
- 2018 - Present Solved contest problems of **HackerRank, CodeForces** on vjudge using C++ & Python (Link)

## Volunteering Experience

- 2019 - 2020 **Webmaster & In-charge, R&D**, Computer & Engineering Club, NSU (<https://nsucec.org>)
- 2018 - 2019 Cybernauts'18 - Volunteer Program officer In-charge in Programming Contest Segment

## Strength

Leadership Adaptable Agile, Scrum Creativity  
Professionalism Dedicated Team Player

## Interests and Language

- > Explore New Things, Book Collection, Photography
- > Up to date with new information & researches
- > Bengali & English (Fluent Professional Level)

## Contribution & Mentoring

April 2016  
October 2020

### Event Organizer, Workshop Mentor, Blogger

- > Contributed on Software development work at Mars Rover for The Indian Rover Challenge (IRC)
- > Conducted Python & GitHub workshop at NSU
- > Write blogs to share about my research & projects at <https://towardsharing.com>
- > Contributed on different open-source projects as well as developers Q/A forums

IoT Python & GitHub Workshop Web development Open-Source Blogging

## References

**Dr. M. Rashedur Rahman**, *Professor*  
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**Dr. Mohammad Monir Uddin**, *Associate Professor*  
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