

# MD SHAMSUL AKRAM

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## EDUCATION

M.Sc. in High Integrity Systems

Frankfurt University of Applied Sciences

📅 Sep 2021 - Ongoing    📍 Frankfurt, Germany

B.Sc. in Computer Science & Engineering

Prime University

📅 Jun 2016 - Oct 2019 | 1,7    📍 Dhaka, Bangladesh

## EXPERIENCE

Laboratory Assistant

University of Asia Pacific

📅 Nov 1, 2017 - March 09, 2022    📍 Dhaka, Bangladesh

- Delivering instruction to the undergraduate students in laboratory classes with the presence of a faculty and also supervising their project activities.
- Assisting faculties to perform laboratory tests by producing reliable and precise data that support the scientific investigation.
- IT assets like PC/Laptop, Switch, Router, Printer etc. configure, and troubleshooting.
- Software development.
- Internal IT support.

Officer Lab & IT

Uttara University

📅 Apr 1, 2016 - Oct 2017    📍 Dhaka, Bangladesh

- Supervision and assistance practical classes in Computer Laboratory.
- IT assets like PC/Laptop, Switch, Router, Printer etc. configure, and troubleshooting.
- Outlook/Mail client Configure & Mail Backup.
- CCTV Configure & Maintenance.
- Website updating.
- IT support.

IT Officer

Walton

📅 Dec 15, 2015 - Mar 30, 2016    📍 Dhaka, Bangladesh

- Point of Sales (POS) maintenance.
- MIS reporting.
- CCTV configure & maintenance.
- Marketing & corporate sales (IT Products).
- IT supports.

## PROFESSIONAL SKILLS

Programming Language

C/C++    Python    Dart

Web Development

HTML    CSS    JavaScript    PHP

Framework & Library

Django    React

Database

SQL Server    MySQL    PHPmyAdmin

Platforms

Codeblocks    Eclipse    PyCharm

Jupyter    Flutter    Visual Studio Code

## SECONDARY SKILLS

- Software Testing: JIRA, POSTMAN, Selenium etc. (ISTQB-CTFL certified tester)
- Database: SQL Server, MySQL, PHPmyAdmin
- Graphic Design
- Event Coverage/Photography
- Microsoft Office
- Virtual Communication
- Good & Cooperative in Teamwork

## HONOURS & AWARDS



**Vice-Chancellor Merit Award**

For the Outstanding Result by Prime University



**Best Student Award**


For the Outstanding Performance by Coders Trust Bangladesh





**Best Employee Award**

For the Outstanding Performance by WALTON Bangladesh


## PROJECTS & RESEARCHES

 "Prime University Online Blood Bank Management System"  
Technology Used: HTML Bootstrap JavaScript  
Wordpress PHP MySQL



 "Mobile and Web Interface for Vital Regions of COVID-19 Data"  
Technology Used: Html Bootstrap ReactJS Flutter  
Firebase Firestore

 "Arduino based real-time air quality and pollution monitoring system"  
Technology Used: Html CSS JavaScript  
ThingSpeak Arduino


 Research on "Voice-controlled feature controlling system with a wristband in cars"

 Research on "Containerization of Web Application using Docker and Container Registry in Microsoft Azure"



## TRAININGS & CERTIFICATIONS



ISTQB Certified Tester Foundation Level  
ISTQB  
 September 19, 2021  Belgium

Graphic Design  
Coders Trust Bangladesh  
 September 30, 2019  Bangladesh

Graphic Design  
Coders Trust Bangladesh  
 September 30, 2019  Bangladesh

Android Application Development  
BITM  
 June 30, 2018  Bangladesh


Hardware And Network Administration  
Flora Telecom Limited  
 November 30, 2015  Bangladesh


Web Development  
Rainbow IT Source  
 June 30, 2014  Bangladesh

## STRENGTHS


Hard-working Persuasive Strong maintainer of punctuality  
Motivator & Leader Quick Learner


## ACTIVITIES


 US-Bangla Airlines-Green University of Bangladesh Inter-University Programming Contest 2018  
(Certificate of Participation)


 National High School Programming Contest 2015 by ICT Division of Bangladesh  
(Certificate of Participation)


## MEMBERSHIPS

 Associate Member  
Bangladesh Computer Society


 Member  
IEEE Student Branch

 Lifetime Member  
Bangladesh Online News Portal Association


 Member  
Gaibandha Press Club


 EC Member  
Amader Gaibandha

## VOLUNTEERING

 Rover Scouting  
Member, Rangpur Polytechnic Institute Branch

 Online Blood Bank Management  
Member, Prime University Branch

 Social Working  
Member, Youth for Better Future Society

 Street Teaching  
Member, Evergreen Zoom Bangladesh Foundation

## LANGUAGES

Bengali       
English       
German     

## HOBBIES & INTERESTS

In my leisure time, I enjoy playing football, badminton etc. to keep me fit. Besides sports, I also love to travel and photography.