

# MD SHAMSUL AKRAM

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📍 Oberfeldstr. 132, 12683 Berlin, Germany.



## EDUCATION

### M.Eng. in Information and Communications Engineering Berliner Hochschule für Technik (BHT)

📅 Sep 2022 – Ongoing    📍 Berlin, Germany

### B.Sc. in Computer Science & Engineering Prime University

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

## EXPERIENCE

### Laboratory Engineer

#### Universität der Bundeswehr München

📅 01.12.2023 – To date    📍 Munich, Germany

- Student training, support & Supervision
- FPGA, SoC, and VHDL for Digital Circuit Design
- Technical support & course preparation
- C & Python programming for Embedded Systems
- Windows and Linux environments
- Scientific research work for professors

### Student Assistant (Software Development)

#### Technische Universität Darmstadt

📅 01.07.2023 – 31.12.2023 (Fixed)    📍 Darmstadt, Germany

- Java & Python for the semantic web
- SPARQL for RDF data querying & modelling
- AI, Web 3.0 & REST-based interfaces
- Research Data Management for ULB

### Jr. IT Consultant

#### Deloitte

📅 01.09.2022 – 31.08.2023 (Fixed)    📍 Berlin, Germany

- SAP environments & Software testing for Deloitte Website
- Data process, analysis, reporting, visualization, dashboard making, using BI software like Alteryx Designer, QlikView, and MS Power BI for BMW
- Tasks using Python, JavaScript, VBA, SQL, etc. for existing projects

### Laboratory Assistant (IT)

#### University of Asia Pacific

📅 01.11.2017 – 09.03.2022    📍 Dhaka, Bangladesh

- Supervising laboratory classes and project activities
- Troubleshooting, maintaining equipment & keeping records
- Programming languages: VHDL, C/C++, Python, MATLAB
- Security Tools Mastery: IDS/IPS, firewalls, SIEM
- IT support & administration for Department of EEE

## PROFESSIONAL SKILLS

- IT Support, Service & Security
- Active Directory
- System Administration & Access Control
- IT Asset/User Management
- Hardware Development, Analysis & Testing
- Desktop Management Interface
- Data Backup & Recovery
- Server, Storage & Data Center Operation
- Cabling & Optical Fiber Networks
- Network Services, Security & Cloud Computing
- CCTV Configure & Maintenance
- ITIL Practices & Vendor Management
- Documentation & Reporting
- Technical Skills in Windows, Linux & macOS

## SPECIAL SKILLS

- Programming Language: C/C++, Python, Java, PHP, MATLAB, R
- Web Development: HTML, CSS, JavaScript
- Software Testing (ISTQB-CTFL certified tester)
- Database: SQL Server, MySQL, SPARQL
- GitLab
- UI/UX Design
- Graphic Design

## 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

## 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)

## 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"**

**</> Research on "Metaverse: Fundamentals, Applications, Security & Privacy Issues"**

**</> Research on "Sentiment Analysis for E-commerce Product Review Using ML Algorithm"**

## TRAININGS & CERTIFICATIONS

Hardware And Network Administration

Flora Telecom Limited

📅 November 30, 2015

📍 Bangladesh

ISTQB Certified Tester Foundation Level

ISTQB

📅 September 19, 2021

📍 Belgium

Graphic Design

Coders Trust Bangladesh

📅 September 30, 2019

📍 Bangladesh

Android Application Development

BITM

📅 June 30, 2018

📍 Bangladesh

Web Development

Rainbow IT Source

📅 June 30, 2014

📍 Bangladesh

## 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



## STRENGTHS

Hard-working

Honest

Robust

Strong maintainer of punctuality

Motivator & Leader

Quick Learner

## 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.