

MD SHAMSUL AKRAM

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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

Student Assistant

TU Darmstadt

📅 Jul 01, 2023 – To date 📍 Darmstadt, Germany

- Research Data Management
- Java Jena for semantic web development
- SPARQL for RDF data querying
- RDF for data modeling
- Python for data analysis and web development
- Virtuoso (RDF triplestore and SPARQL endpoint)
- Tomcat (web server and servlet container)
- Semantic web technologies: RDF, OWL, RDFS
- Research skills for data management
- Artificial Intelligence-related projects
- Web 3.0 concepts
- Teamwork and collaboration

Jr. IT Consultant

Deloitte

📅 Sept 01, 2022 – Aug 31, 2023 📍 Berlin, Germany

- Data process, analysis, reporting, visualization, dashboard, and so on, using BI software like Alteryx Designer, QlikView, and MS Power BI.
- Programming task using Python, JavaScript, VBA, SQL, etc.
- Software testing.

Laboratory Assistant

University of Asia Pacific

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

- Supervising laboratory classes and project activities
- Troubleshooting and maintaining equipment and keeping records.
- Digital Circuit Design & Embedded Systems
- Programming Languages: VHDL, C/C++, Python, MATLAB
- IT support.

PROFESSIONAL SKILLS

- IT Support, Service & Security
- Active Directory
- System Administration
- IT Asset/User Management
- Hardware Development, Analysis & Testing
- Desktop Management Interface
- Data Backup & Recovery
- Server, Storage & Data Center Operation/Management
- Cabling & Optical Fiber Networks
- Network Services, Security & Cloud Computing
- CCTV Configure & Maintenance
- ITIL Practices & Vendor Management
- Documentation & Reporting
- Quick Technical Support (Remote/On-site)
- Adaptability to new tools and technologies

ADDITIONAL 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
- Graphic Design
- MS Office

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 Persuasive
- 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.