

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 📍 Dhaka, Bangladesh

EXPERIENCE

Laboratory Engineer

Universität der Bundeswehr München

📅 01.12.2023 – To date 📍 Munich, Germany

- Student training, support & Supervision for Embedded Systems (ETTI4)
- Technical support & course preparation
- FPGA, SoC, VHDL for Digital Circuit Design & PLC/automation
- C, Python & JS/Node-RED for Robotics
- Windows and Linux environments
- Scientific research work for professors

Student Assistant (Software Dev)

Technische Universität Darmstadt

📅 01.07.2023 – 31.12.2023 📍 Darmstadt, Germany

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

Jr. IT Consultant

Deloitte

📅 01.09.2022 – 31.08.2023 📍 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 (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

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
- Quick Technical Support (Remote/On-site)

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
- 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

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.