MD SHAMSUL AKRAM

@ mdshamsulakram@gmail.com ✉ info@sumonakram.com 🌐 https://sumonakram.com
📞 (+49) 15904795848 📍 Oberfeldstr. 132, 12683 Berlin, Germany.
🐦 @Sumon94A 🐙 https://github.com/SumonAkram 💼 https://www.linkedin.com/in/msa-bd/

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

📅 01.11.2023 – To date 📍 Munich, Germany

- Digital Circuit Design
- System-on-a-Chip (SoC) Development
- Embedded Systems Support
- Technical Support Course Preparation
- C Programming for Embedded Systems
- FPGA Application in Projects
- Python for Data Analysis and Web Development
- VHDL for Hardware Description and Design
- Proficiency in Linux Environments
- Student Training and Supervision
- Problem Solving and Team Contribution
- Assisting in Scientific Research Work for Professors
- Inclusive Workplace Advocacy: Equality Diversity

Jr. IT Consultant
Deloitte

📅 01.092022 – 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
University of Asia Pacific

📅 01.11.2017 – 09.03.2022 📍 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.