

MD. HELAL KHAN

Address: House No-14/A, Road No-2, Block-L, Banani, Dhaka - 1213.

Phone: +880 1838 923219

Email: m.helal.k@gmail.com



CAREER OBJECTIVE

Aim to work in a challenging work environment where I can utilize my expertise in technical skills, towards the development and implementation of the new ideas, contributing to growth of the organization.

EXPERIENCE

• ASSISTANT PROGRAMMER

Company: ICDDR,B | MATERNAL AND CHILD HEALTH DIVISION.

Address: 68, Shaheed Tajuddin Ahmed Sarani, Mohakhali, Dhaka 1212 | <http://www.icddrb.org>

About Project:

1. Four Implementing Partners of USAID, namely MEASURE Evaluation, icddr,b, MaMoni-HSS and SIAPS are piloting Routine Health Information System (RHIS) Initiatives in Tangail and Habiganj – two districts of Bangladesh. Two departments under the Ministry of Health and Family Welfare (MOHFW) of the Government of the People's Republic of Bangladesh provide healthcare at the rural level.
2. These are Director General of Health Services (DGHS) and Directorate General of Family planning (DGFP). The implementing partners work with these two departments. Under RHIS initiatives, computerized solutions are being developed to replace the paper-based work of health workers and already Apps on Tablets or applications on Laptops are changing the way the health workers perform their job.

Responsibilities:

1. Generating report according to paper based register and also custom types. Generating different type of graph for the different type of report. Making different type of map view for those report (Under R&D). Give an access to export data(e.g. print, pdf & csv)
2. Management system for the field worker. Add, update of field level health worker and their catchment area. Field worker basically giving health service using Android based Tab. Assignment of respective catchment area for the health worker. Monitoring their activities from the system. Management of EPI (Expanded Programme on Immunization) micro plan.
3. Management system for system user. Crud of system user. Control their access by different type of user role.
4. Export data to DHIS 2 (Government side) through API. Bring health id and pass member information by both side API communication.
5. Submission process for all type of reports (From health provider to their supervisor).

Technology: Java J2EE - Servlet & JSP, Java Restful Web Services, JavaScript, jQuery, JSON, Ajax, Highcharts, QGIS - Leafletjs, PostgreSQL, HTML, CSS, Bootstrap, UI Template – AdminLTE.

Duration: March 2018 – At Present.

Years of experience: 6 months.

Project Web: <http://www.rhis.net.bd>

- **SENIOR DATA MANAGEMENT ASSISTANT (JAVA DEVELOPER)**

Company: ICDDR,B | MATERNAL AND CHILD HEALTH DIVISION.

Address: 68, Shaheed Tajuddin Ahmed Sarani, Mohakhali, Dhaka 1212 | <http://www.icddrb.org>

Responsibilities: Java Servlet & JSP, Java Restful Web Services, ASP .NET MVC & Entity Framework, HTML, CSS, Bootstrap, JavaScript, JQuery, Highcharts, QGIS- Leafletjs, Postgresql, SQL Server.

Duration: November 2016 – February 2018 (1 year 4 months)

- **WEB DEVELOPER**

Company: DCIT LTD.

Address: House #34 (8th, 9th floor), Road # Sonargaon Janapath Road, Sector #11, Uttara, Dhaka-1230 | <http://www.dcitltd.com>

Responsibilities: PHP, HTML, CSS, Bootstrap, JavaScript & MySQL.

Duration: May 2016 – August 2016 (4 months)

EDUCATION

Degree	Group	Year	Institution	Result
Software Engineering	Bachelor of Science (BSc)	2016	American International University - Bangladesh.	3.46 (4.00)
HSC	Science	2012	Shahzadpur Govt. College – Rajshahi Board	3.70 (5.00)
SSC	Science	2010	Shahzadpur Pilot High School – Rajshahi Board	4.69 (5.00)

SKILLS

- **Backend:** Spring Framework (Regular), Java Servlet, JSP (Regular), Java Restful Web Services (Regular), ASP.NET (MVC, WEB API, Entity Framework), PHP(CodeIgniter).
- **Frontend:** JavaScript, jQuery, JSON, Ajax, Bootstrap, HTML, CSS.
- **Basic:** Android Application, React-Native, Angular JS, Express – Node JS, QGIS.
- **Database:** PostgreSQL, MySQL, SQL Server, Oracle.
- **Other:** Adobe Photoshop & Illustrator, Designing UI of Application.

ACADEMIC COURSES & PROJECTS

- **Introduction to Database:** Hospital management system.
- **Object Oriented Programming 1 (Basic Java):** Java desktop base calculator using Swing.
- **Object Oriented Programming 2 (C# .Net):** Restaurant management system using Windows Form, C# .NET, LINQ, SQL Server.
- **Web Technologies (PHP, JavaScript, HTML, CSS):** Ecommerce site using raw PHP, JavaScript, Bootstrap, MySQL, HTML and CSS.
- **Advanced Topics in Programming I (Java Servlet, JSP):** Apartment management system, using Java Servlet, JSP, EL, JSTL, Bootstrap, Javascript, HTML, CSS, MySQL.

- **Advanced Topics in Programming II (ASP .NET MVC):** POS System Using ASP.NET MVC, Entity Framework, Bootstrap, SQL Server.
- **Advanced Topics in Programming III (PHP CodeIgniter, Node JS, Express JS):** Make-up class management system using PHP CodeIgniter, JavaScript, Bootstrap, MySQL, HTML, CSS. Issue Tracker using express JS.
- **Software Project I:** Hotel reservation system using Android, Java Desktop and PHP web services.
- **Software Project II:** Inventory management system using ASP.NET MVC, Entity Framework Code First, Angular JS, WEB API, Bootstrap, SQL Server.

PERSONAL PROJECT

- **Recruitment systems:** *Client* – Government, *Technology* – Spring Framework & jQuery

PERSONAL DETAILS

Father's Name: Md. Abdur Rahman

Mother's Name: Bilkis Begum

Date of Birth: 1st January, 1995

Nationality: Bangladeshi

Religion: Islam

Sex: Male

Marital Status: Unmarried

Blood Group: O+ (O positive).

National ID: 19958816787000034

Permanent Address: Village: Badalbari, P.O.: Nagordala, Sub-District: Shahzadpur, District: Sirajgonj

REFERENCES

• **A.K.M. TANVIR HOSSAIN**

Analyst Programmer

ICDDR,B | Maternal and Child Health Division

Phone: +88 01730 087417 | Email: thossain@icddrb.org

68, Shaheed Tajuddin Ahmed Sarani, Mohakhali, Dhaka 1212.

• **QAZI SADEQ-UR RAHMAN**

Senior IT Development Specialist

ICDDR,B | Maternal and Child Health Division

Phone: +88 01730 330936 | Email: qsrahman@icddrb.org

68, Shaheed Tajuddin Ahmed Sarani, Mohakhali, Dhaka 1212.

• **MD. AL IMRAN**

Assistant Professor

American International University-Bangladesh

Phone: +88 01719 132513 | Email: alimran@aiub.edu

83/B, Kemal Ataturk Avenue, Banani, Dhaka-1213.