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: November 2016 – At Present.
Years of experience: 1 year and 8 months.
Project Web: http://www.rhis.net.bd

- **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
SSC	Science	2010	Shahzadpur Pilot High School – Rajshahi Board	4.69 (5.00)
HSC	Science	2012	Shahzadpur Govt. College – Rajshahi Board	3.70 (5.00)
Software Engineering	BSC	2016	American International University - Bangladesh.	3.46 (4.00)

SKILLS

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

ACADEMIC PROJECTS

- **Java Servlet:** Apartment management system, using Java Servlet, JSP, EL, JSTL, Beans, Bootstrap & MySQL.

- **ASP.NET: (MVC)** Inventory management system using ASP.NET MVC, Entity Framework Code First, AngularJS, WEB API, Bootstrap, SQL Server. **ASP.NET: (Web Form)** POS System Using ASP.NET MVC, Entity Framework, Bootstrap, SQL Server.

- **C#:** Restaurant management system using Windows Form, C#, LINQ, SQL Server.

- **PHP:** Ecommerce site using raw PHP, JavaScript, Bootstrap, MySQL.

- **PHP (CodeIgniter):** Make-up class management system using PHP CodeIgniter, JavaScript, Bootstrap, MySQL.

- **Android:** Hotel reservation system using Andoird and PHP Web Service.

- **Oracle DB:** Hospital management system.

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.