MD Hosne Al Walid Shaiket

CONTACT INFORMATION

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GOOGLE SCHOLAR http://bit.ly/2JUpmMv

PROFILE SUMMARY

- Analytics and Data Visualization Analyst at CGI Inc. with a Master of Science (M.Sc.) degree in Computer Science from the University of Manitoba, Winnipeg, Canada.
- Around 2+ years of industry/government experience in Data Science, Business Intelligence, Healthcare Analytics, and Data Visualization along with a demonstrated history of working in the software and data analytics industry.
- Extensive knowledge of SQL, ETL Process, Data warehousing, building OLAP cube, Microsoft SQL server stack (SSAS, SSIS, SSRS), and Visualization in Power BI and Tableau.
- Expert in the areas of analysis, validation, and documentation of business, organizational and operational requirements utilizing the Use Case approach, experience of System Analysis as well as Business Process Improvement initiatives using UML/BPMN in various methodologies like SDLC, Waterfall, AGILE and SCRUM, and in-depth understanding of Software Development Life Cycle (SDLC).
- Proficient in creating Business Requirement Documents (BRD), Functional Specification Documents (FSD), Wireframes and Prototypes using UML standard.
- Excellent communicator with proven expertise in relating effectively with stakeholders, strong presentation, analytical, interpersonal, and organizational skills.

SKILLS

- **Programming and Scripting Languages**: Android, C, C++, C-sharp, Data Analysis eXpressions (DAX), HTML, Java Script, Power Query (M), Python, PL/SQL, T-SQL, PHP, R.

- **Tools**: DAX Studio, Microsoft BI stack (SSAS, SSIS, SSRS), Power BI, R Shiny, SPSS, SQL Server Management Studio (SSMS), Tabular Editor, Tableau, MATLAB, OpenCV, Unity.

PROFESSIONAL EXPERIENCE

- **Data Visualization Analyst**   **February 2022 to Present**
  Analytics and Emerging Digital Technologies Team
  CGI Inc., Canada.

  Job description: Using visualization UX best practices in different situations along with developing reporting and visualization solutions utilizing Power BI, Tableau, QlikView, QlikSense, ThouhtSpot, Looker and other modern BI solutions; using advanced visualization features within Power BI: Power BI Embedded Analytics, composite models, Apps, Dashboards, Reports, and Tiles; Using Relational Database Management System (RDMS) and equivalent in a modern cloud environment, Azure Synapse, Snowflake, RedShift, and Oracle Cloud; consuming advanced analytic models and ML model services into Power BI Visualizations; Using DevOps, CI/CD environment with technologies and platforms such as Git, Jenkins, and Docker/Kubernetes.

- **Business Intelligence Analyst and Researcher**   **June 2020 to February 2022**
  Health Sector Information, Analysis and Reporting Division (HSIAR)

Ministry of Health, Govt. of British Columbia, Victoria, BC, Canada.

Job description: Writing complex SQL scripts; ETL scripting; Scripting in R and Python; Data cleaning and validation; Preparing Business Requirement Document (BRD) for the stakeholders and end users; Data modeling; Analysis and Visualization in Power BI; Building the tabular model for analysis services; Designing OLAP cubes and deploying using SQL Server Management Studio (SSMS).

The list of Major projects I worked on with the Government of British Columbia:

1. British Columbia COVID-19 Daily Cases.
2. Daily Monitoring Dashboard for COVID-19 Sites.
3. British Columbia COVID-19 Registration, Appointment, and Vaccination Coverage.
4. British Columbia Emergency Departments.
5. British Columbia Surgical Wait Times.
6. Mental Health and Substance Use Service.
7. Analysis and Visualization of Patient-Centred Measurement Data.
8. National Health Expenditures.
9. British Columbia Virtual Care Physician dashboard.

Please visit my Personal Website to know more about the projects.

Development Tools and Languages: SQL, DAX, Power Query (M), R, Power BI, Visual Studio, Tabular Editor, and SQL Server Management Studio.

- **Assistant Professor**   **April 2016 – August 2019 (03 years 04 months)**
  Ahsanullah University of Science and Technology, Dhaka, Bangladesh.
  Department of Computer Science and Engineering.

  Job description: Taking the theory and Lab classes, checking the assignments and final scripts, organizing workshops and seminars on the latest research topics, and conducting undergraduate level research and new curriculum design for academic improvement of the University.

- **Lecturer**   **October 2012 – April 2016 (3 years 6 months)**
  Ahsanullah University of Science and Technology, Dhaka, Bangladesh.
  Department of Computer Science and Engineering.

  Job description: Taking the theory and Lab classes, checking the assignments and final scripts, and conducting the undergraduate level research and new curriculum design for academic improvement of the University.

- **Lecturer**   **May 2011 – September 2012 (1 year 04 months)**
  Primeasia University, Dhaka, Bangladesh.
  Department of Computer Science and Engineering.

  Job description: Taking the theory and Lab classes, checking the assignments and final scripts, conducting the undergraduate level research and new curriculum design for academic improvement of the University.

- **Software Engineering Intern**   September 2009 – December 2009 (04 months)
  Systech Digital Limited, Dhaka, Bangladesh.
  <u>Job description</u>: Design and development of a large web-based portal using CodeIgniter web framework and other Web-based applications in PHP.

EDUCATION

- **Master of Science (M.Sc.) in Computer Science**   September 2019 to December 2021
  University of Manitoba, Winnipeg, Canada   (**CGPA 4.2 out of 4.5**)
  Specialization: **Data Science, Business Intelligence, and Healthcare Analytics.**

- **Bachelor of Science (B.Sc.) in Computer Science**   2006 to 2010
  Islamic University of Technology (IUT), Dhaka. Bangladesh   (**CGPA 3.89 out of 4.0**)
  Merit Position: **in the top 9% of graduating class**
  Specialization: **Digital Image Processing, Machine Learning.**

AWARDS AND SCHOLARSHIPS (SELECTED)

1. University of Manitoba Graduate Fellowship (UMGF), 2019-2021
2. International Graduate students Entrance Scholarship (IGSES), University of Manitoba, 2019
3. NSERC CREATE (VADA) Fellowship for Educational Purpose, (2019-2020)
4. OIC Merit Scholarship during Undergraduate studies, 2007-2010.
5. Dhaka Education Board Merit Scholarship based on Higher Secondary exam result, 2006.

ACADEMIC RESEARCH PROJECTS (SELECTED):

The list of selected academic projects I did during my masters study at the University of Manitoba:

1. COVID-19 Disease Tracking.
   Programming platform and Tools: Android, Dart (Flutter).

2. In-situation 3D Data visualization and Interaction using a smart wearable ring.
   Programming platform and Tools: C#, Unity.

3. Chronic Kidney disease (CKD) Classification from real-life clinical data
   Programming platform and Tools: R, Python, and Tableau.

4. Visualizing Interesting Association Rules from COVID-19 Datasets
   Programming platform and Tools: Python, Jupyter Notebook.

5. Custom Selectable Text Widget for Controlled Text Selection in Mobile device:
   Programming platform: Android, Dart (Flutter).

Please visit my Personal Website to know more about my academic projects.

SELECTED PUBLICATIONS

Published Journals: Total 08.
Conference Proceedings: Total 02.
Please visit my Personal Website or Google Scholar profile for the full list.

REFERENCES

- **Reference available upon request**