MD Hosne Al Walid Shaiket

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PERSONAL WEBSITE https://walid-shaiket.github.io/

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

PROFILE SUMMARY

- Data Analytics and Visualization Consultant at CGI Inc. with a Master of Science (M.Sc.) degree in Computer Science from the University of Manitoba, Winnipeg, Canada.
- Around 03 years of Industry/Government experience in Data Science, Data Engineering, Business Intelligence, Healthcare Analytics, and Data Visualization.
- Extensive knowledge of SQL, ETL/ELT, Cloud data warehousing, Azure cloud technologies, Data analytics, and visualization in Power BI and Tableau.
- Expert in the areas of analysis, validation, and documentation of business, organizational and operational requirements, experience in System Analysis using UML/BPMN in various methodologies like SDLC, Waterfall, AGILE, SCRUM, and in-depth understanding of Software Development Life Cycle (SDLC).
- Excellent communication, presentation, and organizational skills with proven expertise in relating effectively with clients, stakeholders, and other business consumers.

SKILLS

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

- **Tools (Data Analytics and Engineering)**: Azure DevOps, Apache Airflow, Informatica, Power BI, Power BI Report Builder, Tableau, R Shiny, Spotfire.

- **Platforms**: Azure Cloud, Azure Synapse, Azure Data Factory, Azure SQL DB, Amazon Web Services (AWS), Snowflake.

TRAINING AND CERTIFICATIONS (TO BE CONTINUED)

- **Hands On Essentials - Data Warehouse** (Issued by Snowflake).
- **Azure Data Fundamentals: Data Workloads** (Issued by Skillsoft).
- **Data Engineering on Microsoft Azure: Data Lake Storage** (Issued by Skillsoft).
- **AWS Solutions Architect Associate 2022: Compute and Data Analysis Services** (Issued by Skillsoft).

PROFESSIONAL EXPERIENCE

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

  Job description: Using visualization and UX best practices in different situations along with developing reporting and visualization solutions utilizing Power BI, Tableau, Looker, QlikView 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.

List of selected projects with CGI Inc., Canada (February 2022 – Present) - Starting with the most recent ones:

1. Converting the Business Objects (BO) into Business Intelligence reports using Power BI and Power BI report builder - One of the largest energy companies and natural gas producers in Canada (July 2022 to December 2022).
   Role: Business Intelligence Developer
   Tools and Platforms: Power BI, Power BI report builder, Spotfire.

2. Building an efficient data pipeline to migrate the on-prem data to the cloud and developing a test automation framework to support DevOps and data quality - A renowned Canadian security service (June 2022 to present).
   Role: Data and DevOps Engineer.
   Tools and Platforms: Azure Cloud, Azure Synapse, Azure DevOps.

3. Cloud-based solution for seamless Data Integration and Analytics - A global retail company in British Columbia, Canada. (May 2022 to Present).
   Role: Lead Data Engineer.
   Tools and Platforms: Azure Cloud, Snowflake, Apache Airflow, Informatica, Jenkins.

4. Modernization of Primary Care Division (PCD) to leverage Business Intelligence for effective analytics - Govt. of British Columbia, Canada. (Feb 2022 – May 2022).
   Role: Health Data Analyst.

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

- **Business Intelligence Analyst   June 2020 – February 2022 (01 year 09 months)**
  Ministry of Health, Govt. of British Columbia, Victoria, BC, Canada.
  Health Sector Information, Analysis and Reporting Division (HSIAR).

Job description: Writing complex SQL scripts; Building ETL pipelines; Scripting in R and Python for Data cleaning and validation; Preparing Business Requirements for the stakeholders and end users; Data modeling; Data Analysis and Visualization in Power BI; Building the tabular model for analysis services; Designing OLAP cubes.

List of selected projects with the Government of British Columbia, Canada (June 2020 to February 2022):

1. Daily reporting on COVID-19 Daily Cases throughout the province.
2. Daily Monitoring of COVID-19 Sites.
3. COVID-19 Registration, Appointment, and Vaccination Coverage.
4. Analysis on Patient Experience in Emergency Departments.
5. Analysis on Surgical Wait Times.
6. Analysis on Mental Health and Substance Use Service.
7. Analysis and Visualization of Patient-Centred Measurement Data.
8. Analysis on National Health Expenditures.
9. Analysis on Virtual Care Physicians.

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)**
- **Lecturer**   **October 2012 − April 2016 (03 years 06 months)**

Ahsanullah University of Science and Technology, Dhaka, Bangladesh.
Department of Computer Science and Engineering.

- **Lecturer**   **May 2011 − September 2012 (01 year 04 months)**

Primeasia University, Dhaka, Bangladesh.
Department of Computer Science and Engineering.

Job description: Taking the theory and Lab/Sessional classes, conducting undergraduate level research, and contributed to the new curriculum design for academic improvement of the University.

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.**
M.Sc. thesis link

- **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**)
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. Organization of Islamic Cooperation (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):

List of selected projects during my master's study at the University of Manitoba:

- COVID-19 Disease Tracking.
- In-situation 3D Data visualization and Interaction using a smart wearable ring.
- Chronic Kidney disease Classification from real-life clinical data.
- Visualizing Interesting Association Rules from COVID-19 Data sets.
- Custom Selectable Text Widget for Controlled Text Selection in Mobile device.

Please visit my Personal Website to know the details about my academic projects.

PUBLICATIONS (SELECTED)

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