MD Hosne Al Walid Shaiket

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

LINKEDIN   https://bit.ly/3nPJSSj

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, Canada.

- Industry/Government experience in Data Analytics, Data Engineering, Business Intelligence, and Data Visualization.

- Knowledge of ETL/ELT, data ingestion/transformation, building/optimizing data pipeline using Azure technologies (Data Factory, Databricks, Data Lake, and Synapse Analytics); Cloud data warehousing using Snowflake, Azure Synapse, and Amazon Redshift; Designing cloud-based data solutions using Azure and AWS; Data visualization using Power BI and Tableau.

- Experience in system analysis, project development, and implementation using popular methodologies like AGILE and SCRUM; In-depth understanding of Software Development Life Cycle (SDLC).

- Good 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, SSRS, Spotfire.

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

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 like Git, Jenkins, and Docker/Kubernetes.

  Selected projects with CGI Inc., Canada (February 2022 – Present):

  1. **Ministry of Health (B.C.), Canada** - Building a data analytics solution using the Provincial Attachment System (PAS) data to manage patient-doctor attachment requests (Sep 2023 to Mar 2025).
     Role: Business Intelligence Developer
     Tools and Platforms: SQL, Power BI.

2. **Ministry of Health (B.C.), Canada** - Primary care division BI modernization (phase-2): Development of a customized data ingestion tool using the CHEFS platform to enhance data collection accuracy (Mar 2023 – Sep 2023).
   Role: Data Developer (Data ingestion tool, ETL, and Power BI).
   Tools and Platforms: JavaScript, JSON Logic, Power BI.

3. **Ovintiv Inc., Canada** - Converting the SAP Business Objects (BO) into Business Intelligence reports using Power BI and Power BI report builder (July 2022 to Feb 2023).
   Role: Business Intelligence Developer
   Tools and Platforms: Power BI, Power BI report builder, SSRS, Spotfire, Microsoft Power Automate.

4. **Paladin Security Group Ltd, Canada** - 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 (June 2022 to Aug 2022).
   Role: Data and DevOps Engineer.
   Tools and Platforms: Azure Cloud, Azure Data Lake, Azure Synapse, Azure DevOps.

5. **Lululemon Athletica Canada Inc.** - Cloud-based solution for seamless data integration and analytics (May 2022 to July 2022).
   Role: Lead Data Engineer.
   Tools and Platforms: Azure Cloud, Snowflake, Apache Airflow, Informatica, Jenkins.

6. **Ministry of Health (B.C.), Canada** - Modernization of Primary Care Division to leverage Business Intelligence for effective analytics - (Feb 2022 – May 2022).
   Role: Health Data Analyst.

Please visit my Personal Website to get the details.

- **Business Intelligence Developer   (June 2020 – February 2022) - 1 year 9 months.**
  Ministry of Health, Govt. of British Columbia, Victoria, BC, Canada.
  Health Sector Information, Analysis and Reporting Division (HSIAR).

  Job description: I was responsible for 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.

  Selected data analytics projects with the Government of British Columbia, Canada (June 2020 to February 2022):
  Daily reporting on COVID-19 cases throughout the province; Daily monitoring of COVID-19 sites; COVID-19 registration, appointment, and vaccination coverage; Analysis of patient experience in emergency departments; Analysis of surgical wait times data; Analysis of mental health and substance use services data; Analysis of patient-centered measurement data; Analysis of national health expenditures data; Analysis of virtual care physicians data.

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

  Please visit my Personal Website to get the details.

- **Assistant Professor   (April 2016 – August 2019) - 3 years 4 months.**
  Ahsanullah University of Science and Technology, Dhaka, Bangladesh.
  Department of Computer Science and Engineering.

- **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.

TRAINING AND
CERTIFICATIONS

Below are the selected topics covered in the online training and courses:
Cloud data warehousing technologies (e.g., Snowflake), Advanced Analytics Using Snowflake, Azure Data Fundamentals, Data Engineering on Azure Data Lake Storage, AWS Solutions Architect Associate 2022: Compute and Data Analysis Services, Techniques for Big Data Analytics, Predictive Analytics, Azure Data Fundamentals: Data Analytics, Introduction to end-to-end analytics using Microsoft Fabric, etc.

Please visit my LinkedIn Profile or Personal Website to get the full list of online training and courses I have done on Data Engineering, Data Analytics, and Data Visualization .

EDUCATION

- **Master of Science (M.Sc.) in Computer Science** **(Sep 2019 to Dec 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** **(Dec 2006 to Nov 2010)**
  Islamic University of Technology (IUT), Dhaka. Bangladesh **(CGPA 3.89 out of 4.0)**
  Specialization: **Digital Image Processing, Machine Learning.**

AWARDS AND
SCHOLARSHIPS

- University of Manitoba Graduate Fellowship (UMGF), 2019-2021.
- International Graduate Students Entrance Scholarship (IGSES), University of Manitoba, 2019.
- NSERC CREATE (VADA) Fellowship for educational purpose, 2019-2020.
- Organization of Islamic Cooperation (OIC) merit scholarship during undergraduate studies, 2007-2010.
- Dhaka education board merit scholarship based on Higher Secondary Certificate (HSC) exam result, 2006.

ACADEMIC
RESEARCH
PROJECTS:

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 get the details.

PUBLICATIONS

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