

Ishrak Mohammad

🏠 Waterloo, Ontario, Canada @ishrak.ca@gmail.com
☎ +1 942 380 4404 in www.linkedin.com/in/ishrakM/ 🐙 github.com/ishrakM

*Certified Azure Cloud administrator proficient in Google Cloud with 3 years of experience in database, Big Data warehousing, Data pipeline, JavaScript web development, GIS, and machine learning. Gained the latest technology skills through working in an agile team of 7 for enterprise-level solutions. Holding **permanent resident** in Canada and **Ontario G Driver's license** along with a car.*

Skills

Cloud IAM Administrator: Azure Entra ID, Active Directory, VM, Network Security, Device and Role management, Backup and Disaster Recovery, Automation and Resource Monitoring, LAN, WAN, Routing.

Data Engineering: Azure Databricks, Synapse, Data Factory, Google BigQuery, ETL, Hadoop, Apache Beam, Airflow, Spark, MySQL, Oracle DBA, AWS RDS, EC2.

Machine Learning: Python, Neural Network, Scikit Learn, NumPy, Pandas, JupyterLab Colab.

Web and API development: Bootstrap, Material UI, JavaScript, React.js AnyChart, PDF report, JSON, Node.js, Express.js.

EXPERIENCE

Systems Installation Administrator | Manulife | Canada | May 2024 - April 2026

- Collaborated on the development of a Disability Insurance Claim online Portal across four cloud back-end platforms, enhancing accessibility and user experience.
- Acquired advanced SQL and Excel skills for mass data retrieval, resulting in a 20% reduction in project delivery time.
- Architected and deployed a centralized JIRA workflow across three geographically dispersed teams, accelerating issue resolution by 40% and boosting overall project efficiency.
- Implemented finance industry standard cloud secure technology on customer data retrieval process for web dashboard through Azure cloud platform which estimates over 25% less risk on cyber attacks or spamming.

IT Intern | Regional Tourism Organization 7 | Remote | May 2022 - October 2022

- Analyzed sales, revenue, and customer demand data from 500+ companies' digital profiles, generating BI reports to identify key tourism revenue drivers and inform government investment.
- Developed interactive graphical dashboards in Excel and Tableau, illustrating research findings for a team of six for faster decision-making.
- Presented business data analysis findings to 500+ attendees at the 2022 Canadian Council for Small Business & Entrepreneurship conference, leading to follow-up engagement from university groups.

Systems Analyst | Center for Environmental and Geographic Information Services (CEGIS) | Dhaka | May 2019 - March 2021

- Developed three Microsoft.NET based IIS server based web apps with MVC, maintaining agile practices.
- Mastered proficiency in JavaScript and JSON for front-end development, creating advanced UI tools like AnyChart and building APIs; resulting 40% increase in user engagement metrics.
- Facilitated to migrating 70% company data to Microsoft SQL Server to Hybrid Cloud, synchronizing Access databases.
- Engineered cloud-based network solutions supporting 130 remote staff, reducing ticket resolution time by 25% and improving system accessibility daily.
- Mastered GeoSpatial Data management and visualization tools like GeoJSON and Leaflet Map.

EDUCATION & CERTIFICATIONS

Microsoft Certified: Azure Administrator Associate | February 2024

Credential ID: 1583BA5F49E9760 | Certification number: BDE845-DF392D

Master of Science in Computer Science | Lakehead University | Thunder Bay, ON | May 2023

- Awarded scholarship as Intern • Built Machine Learning project • Cloud Computing AWS Project • Deep Learning & AI

COURSEWORK

- GIS Analysis Training | University of Dhaka | 2019
GIS training enabling precise spatial data analysis, informed decision-making, and resource optimization.
- Smart Analytics, Machine Learning, and AI on Google Cloud | Coursera | 2023
- Building Batch Data Pipelines on Google Cloud | Coursera | 2022
- Modernizing Data Lakes and Data Warehouses with Google Cloud | Coursera | 2022
- Oracle Database 12C: Introduction to DBA | IBCS Primax | 2020