# TRUSHIL PATEL

3837 Retallack St, Regina, SK, S4S 3B7 | trushilkpatel@gmail.com | 639-999-7121

LinkedIn | Github

## TECHNICAL SKILLS

| | |
|---|---|
| **Programming Language** | : C#, ASP .NET, VB, C/C++, and Java. |
| **Scripting Language** | : JavaScript, Python, and VBA. |
| **Database** | : MySQL, Oracle, SQL Server, Azure SQL, DAX, Power Query. |
| **Tools** | : Power BI, Tableau, Cognos Analytics, SSMS, SSRS, SSIS, SSAS, Synapse Analytics, Microsoft/Office 365 suite. |

## CERTIFICATIONS

- Microsoft Certified Data Analyst Associate

## WORK EXPERIENCE

### Senior Business Intelligence & Reporting Specialist          Jan 2023 – Present
**Govt. Of Saskatchewan - Ministry of Energy and Resources**

➢ Work with a broad spectrum of internal and external stakeholders to gather, communicate and document requirements related to their BI & reporting needs.
➢ Lead the development of Cognos reports and framework models that are **flexible** and **scalable** while adhering to standards.
➢ Lead in troubleshooting and resolving incidents for various existing production reporting/data solutions.
➢ Assist with planning technology changes or **upgrades** in a complex integrated environment.
➢ Lead the Business Intelligence **Governance Group** (BIGG) which oversees and governs the use of Integrated Resource Information System (IRIS) related BI & reporting services.

### Senior Data and Reporting Analyst          Dec 2021 – Dec 2022
**Govt. Of Saskatchewan - Ministry of Social Services**

➢ Reporting to the Program Effectiveness Consultant and assisting with the challenges of monitoring utilization and performance of income support programs in Saskatchewan.
➢ Develop, maintain, and upgrade existing information management systems by automating the transformation pipeline **(ETL)** processes and presenting the information using various tools (Power BI, Tableau, Excel).
➢ Serve as a **data steward** for the income assistance branch in the **data maturity initiative** project.
➢ Develop scripts using various data manipulation tools including python to **automate** operational **daily/weekly/monthly** manual tasks reducing the time to **95%.**
➢ Work collaboratively with a team of data scientists, software developers, and solution architects throughout the project execution to fulfill the data reporting requirements.
➢ Develop **reports and dashboards** on the use of income assistance programs, examining program interactions, assessing program effectiveness, developing new information management systems processes and tools.
➢ Contribute to the **data warehouse** project for the ministry towards building a central repository for reporting historical data.

### Level II Support Specialist - Student & Educator Services          May 2021 – Dec 2021
**Govt. Of Saskatchewan - Ministry of Education**

- ➢ Maintain and support student information in the Student Data System (SDS) and MySchoolSask/MonÉcoleSask student information system.
- ➢ Identify errors and support XML error resolution with electronic file transfers.
- ➢ Create **SQL exports** from the replicated databases for **ad-hoc** requests.
- ➢ Extract, transform and load data from various sources in **Power BI** to analyze trends and provide stats for different business areas within the unit and report directly to the director of the unit.
- ➢ Extract and **analyze sector data** imports for readiness and error resolution.
- ➢ Work with the **data conversion** team to **validate** the data being converted before importing to the production database.

### Data Reporting Analyst          Jan 2020 – May 2021
**Good Spirit School Division No. 204**
**Yorkton, SK, Canada**

- ➢ Generated **daily/weekly/monthly** reports for the administrators of the schools within the school division to enhance supplemental learning.
- ➢ Assisted stakeholders in the strategic planning throughout the school year in an agile decision-making environment leading towards the betterment of the students.
- ➢ Developed automation tool using **VBA scripts** for publishing timely reports to the data warehouse eliminating **5-6 hours** of manual work.
- ➢ Developed interactive **dashboards and reports** in **Power BI** by aggregating, cleaning, and transforming the data from different sources leading to a transition from traditional static data warehouse reports to more dynamic reports.
- ➢ Assisted tech services in organizing and analyzing the tech assets by providing proper excel templates to **forecast the budget** for replacing the expired assets.
- ➢ Achieved up to **5% increase** overall in the students' achievements in different categories including reading, writing and math outcomes.

## EDUCATION

**Master of Science in Computer Science          2019 - 2020**
University of Regina, Regina, SK

**Bachelor of Technology          2014 - 2018**
**in Computer Engineering**
CHARUSAT, Anand, Gujarat, India

## VOLUNTEER
- **Technical Lead** at Annual General Meeting each year held by SHABMMA, 2016-Present.
- **Event Coordinator** at Cognizance'2K17, CSPIT in year 2017.

## REFERENCES
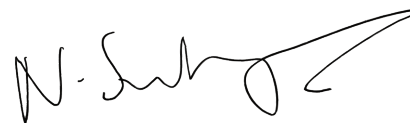Available upon request.

# Microsoft Certified
## Data Analyst Associate

# TRUSHIL K PATEL

Has successfully completed the requirements to be recognized as a Microsoft Certified: Data Analyst Associate.

Date of achievement: December 28, 2021

Valid until: December 28, 2022

Satya Nadella
Chief Executive Officer

**Microsoft**

Microsoft
CERTIFIED

ASSOCIATE

# Microsoft Certified
## Power BI Data Analyst Associate

**TRUSHIL K PATEL**

Has successfully completed the requirements to be recognized as a Microsoft Certified: Power BI Data Analyst Associate.

Date of achievement: December 28, 2021

Valid until: December 28, 2022

Satya Nadella
Chief Executive Officer

Microsoft

Microsoft CERTIFIED
ASSOCIATE