

KUSHAL PATHAPATI

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Toronto, ON-M8Z 0G5

Summary

- Aspiring **Data related roles** with expertise in **SQL, Python, R, Power BI, and Excel**.
- Strong background in **SQL-based data analysis, business requirements documentation, metadata validation, and cross-functional collaboration**.
- Passionate about **transforming raw data into actionable insights** to optimize decision-making.
- Over **three years of experience** in Software Testing and automation, currently transitioning into data analytics through a **Postgraduate Diploma in Business Insights and Analytics at Humber College**.

Skills

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| <ul style="list-style-type: none">Programming Languages: SQL (MySQL), Python, R (Basic- data manipulation, visualization)Data Visualization Tools: Power BI, Excel (VLOOKUP, Conditional Formatting, Pivot Tables)Data Analysis: Statistical Analysis, Predictive Modeling, Data Cleaning. | <ul style="list-style-type: none">Project Management: Jira, Agile MethodologyVersion Control: Git, GitHubSDLC, STLC |
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Certifications

- Microsoft Certified: **Azure AI Fundamentals ([AI-900](#))**
- Microsoft Certified: **Azure Data Fundamentals ([DP-900](#))**

Work Experience

PUBLICIS SAPIENT—Software Test Engineer

May 2022 – August 2023

Project: Portfolio Construction

The Portfolio Construction (PC) project aimed to design, develop, and deliver a scalable platform to support portfolio managers in constructing, analyzing, and managing investment portfolios. The scope included creating intuitive layouts for portfolio management, integrating advanced analytics, and ensuring seamless data workflows.

- Supported a **Capital Markets portfolio management platform** used by portfolio managers to construct, analyze, and manage investment portfolios
- Analyzed and validated financial data using **SQL** and **Python**, ensuring 99% accuracy in investment portfolio insights.
- Developed and optimized scripts using **Robot Framework** and **Selenium WebDriver**, reducing manual testing time by **40%**.
- Collaborated with cross-functional teams (developers, business analysts) to identify and resolve data inconsistencies, improving data reliability for stakeholders.
- Performed regression testing of new release builds, identifying and documenting critical defects in **Jira**.
- Integrated version control using **GitHub**, improving code collaboration and workflow efficiency.

PROMAESTRO TECHSOURCE PVT LTD— Software Associate

January 2020 – May 2022

Project: Network Configuration Manager

NCM is a multi - vendor network change, configuration solution for access points, tower and controller devices. NCM provides centralized configuration management, centralized dashboards, centralized software update of network devices, alarms & events, device map floors and reporting capabilities.

- Designed and implemented **Python-based test automation frameworks**, improving test coverage for core business processes.
- Automated **UI functionality** validation using **Selenium WebDriver**, ensuring seamless user experiences.
- Collaborated with cross-functional teams to define test plans and automated testing strategies, accelerating development cycles.
- Integrated automated workflows into **Jenkins** for continuous testing, reducing deployment time by **30%**

Education

POSTGRADUATE DIPLOMA IN BUSINESS INSIGHTS AND ANALYTICS

September 2024 - Present

Humber College –Toronto, ON

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE

August 2016 - July 2020

Reva University – Bangalore, India