

# Srujan G

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## Professional Summary

Detail-oriented Data Analyst with 2+ years of experience in analytical automation and enterprise reporting. Proficient in Python, Power BI, SQL, and Excel, optimizing data workflows for over 12,000 users. Achieved a 90% improvement in reporting efficiency through scalable automation solutions and delivered actionable insights via intuitive dashboards.

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## Core Competencies

- BI Tools : Power BI desktop, Power BI Service, Power BI Administration, Microsoft Fabric
  - Languages : Python (Databricks), SQL (Snowflake)
  - Microsoft Tools : Excel, PowerPoint, Word
  - Azure : Azure Portal, Azure DevOps (Repos)
  - Scripting : PowerShell
  - Operating System : Windows
  - Databases : SQL Servers, SSMS
  - Ticketing tools : Service Now
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## Professional Experience

- 2.3 years of experience in Data Analytics, Power BI administration, and automation in enterprise environments.
  - Designed and developed custom **1 Power BI dashboards and 3 reports** aligned with key business requirements.
  - Developed automation scripts in **Python, PowerShell, and REST APIs**, achieving a 90% reduction in manual effort.
  - Managed and optimized **18 Power BI Premium capacities**, improving report performance and scalability.
  - Implemented **dataset backup and restore automation** integrated with Azure Storage, ensuring data security and recovery. Created Knowledge article for the Process.
  - Automated **creation of 24 Azure Security Group and user role assignments (310+ users)** using PowerShell and Excel, strengthening governance control.
  - Executed **cross-region Power BI workspace migration** through Python notebooks, streamlining large semantic model transfers.
  - Improved **unified monitoring dashboards** using Python, Power BI APIs, and Fabric components to track utilization and governance metrics.
  - Maintained **CI/CD deployment pipelines** for Power BI Apps via Azure DevOps, ensuring version control and consistency.
  - Collaborated with **37 business units to collect domain and ownership data**, enhancing tenant visibility and compliance mapping.
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## Projects

- **Cross Region Migration:** Developed a Python script to migrate Power BI Pro workspaces with Large Semantic Model Storage, enabling the migration of over 980 workspaces between capacity regions despite Microsoft not offering this feature. (**Tech stack:** Python, Fabric REST APIs)
- **Personal gateway removal:** Enhanced data security by creating PowerShell scripts for 650+ Personal Gateway Removal, mitigating risks of unauthorised access and data loss. (**Tech Stack:** PowerShell, Excel, Power BI REST APIs)
- **Access Management:** Streamlined user access management by automating 12000+ users access right in Power BI Workspace, reducing manual errors. (**Tech stack:** Python, Excel, Power BI REST APIs)
- **Optimizing capacities:** Tailored a script for the one-click removal of over 1,500 workspaces from Power BI Premium capacity, optimizing resource utilization. (**Tech Stack:** Python, Excel, Power BI REST APIs)
- **Tenant Administration:** Strengthened tenant governance by restructuring and automating the management of 24 security groups, removing redundancies, and bulk-assigning users. (**Tech Stack:** PowerShell, Excel, Power BI APIs)
- **Capacity Utilizing Report:** Created advanced Power BI utilization reports to track capacity units, workspace usage, and item-level activity, including a chargeback report detailing costs for each business user. (**Tech Stack:** Power BI Desktop)
- **Tenant monitoring report:** Enhanced unified tenant monitoring reports consolidating inventory, activity logs, best practices, gateway details, and workspace data for holistic administration. (**Tech Stack:** Pipelines, Python, Power BI APIs)
- **Auto-Updating of Apps:** Enforced CI/CD for BI apps by designing orchestration tools to auto-update Power BI Workspace Apps with each Git commit, ensuring version control and consistent deployment. (**Tech Stack:** Pipelines, Python, Power BI APIs, GIT)

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## Education

- Bachelor of Engineering – Electronics and Communications engineering.  
Vidya Vardhaka College of Engineering, Mysore – 2023

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## Certifications

- Microsoft Certified: PL-300 – Power BI Data Analyst Associate.
- Microsoft Certified: DP-600 – Implementing Analytics Solutions using Microsoft Fabric.
- Career Essentials in Generative AI by Microsoft and LinkedIn.
- Career Essentials in Data Analysis by Microsoft and LinkedIn.
- Python Data Analysis.
- SQL for Data Analysis.

## Achievements

- Attended Microsoft Fabric European Conference 2024 in Stockholm, Sweden.
  - Received silver star award for automation excellence in first year at Ecolab.
  - Received a Certificate of Achievement for innovative thinking, problem solving, and collaborative spirit.
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