

Ryan Gabriel A. Magno

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Education

Pamantasan ng Lungsod ng Maynila (University of the City of Manila), Intramuros, Manila

Bachelor of Science in Information Technology | **2022 - Present**

- Latest GWA: 1.30 | Consistent Dean's Lister
- Founder, Microsoft Student Community - PLM

Skills & Interests

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|--|---------------------------|--------------------|
| • Programming Languages (Python, SQL, PySpark) | • Azure Synapse Analytics | • Snowflake |
| • Azure | • Azure Key Vault | • Data Modeling |
| • Cloud Computing | • Azure SQL Server | • ETL & ELT |
| • Azure Data Factory | • Logic Apps | • Data Warehousing |
| • Azure Data Lake Gen 2 | • Azure App Service | • Docker |
| | • Git & Github | • n8n automation |

Work Experience

Exist Software Labs

AI and Automation Developer | November 2025 - Present

- Engineered an intelligent recruitment automation pipeline using **n8n** and **AI agents** to ingest, parse, and score applicant CVs, transforming unstructured data into structured candidate assessments in sheets and significantly reducing manual screening time for the HR team.
- **Engineered** an end-to-end intelligent recruitment automation pipeline using **n8n** and **AI agents** to autonomously ingest, parse, and score applicant CVs, transforming unstructured data into structured candidate assessments within Google Sheets.
- **Architected** a scalable **Retrieval-Augmented Generation (RAG)** system that performs mass vectorization of all incoming CVs, enabling semantic search and high-accuracy candidate matching against specific job requirements.
- **Designed and deployed** a fully functional web application using **Lovable** in a high-velocity 3-week sprint, utilizing advanced nodes to bridge the frontend with the n8n automation backend.
- **Optimized** the recruitment lifecycle by **70%**, successfully reducing the total candidate turnaround time from 45 days to just 2 weeks while significantly minimizing manual screening effort for the HR team.

Eclectus Technologies Incorporated

Data Engineer | August 2024 - November 2025 (1 year and 3 months)

- **Improved database performance by 80%** through an automated data archival pipeline using Azure Data Factory, retaining 3 months of data in the production database and archiving older data to a data lake, partitioned by year, month, and day with access tiers, reducing data volume by 83.3%.
- **Enabled machine learning initiatives** by extracting, cleaning, and preprocessing approximately 360 million IoT data records from 100+ Excel files using Excel, SQL, Python, Pandas, PySpark, and Databricks, reducing noise by an estimated 25% and cutting processing time by 70%, providing data scientists with high-quality data.
- **Monitored and optimized pipeline performance**, ensuring reliability and efficiency in handling large-scale data loads.
- **Architected** the end-to-end data strategy—spanning report generation, application integration, and long-term warehousing—aligning roadmaps with business KPIs, and defining SLAs for data freshness and quality.
- **Enhanced Query & Reports Performance** by up to 80% on high-volume transactional tables by implementing strategic table partitioning in the SQL Server historical database.

Organizational Experience

Microsoft Azure Community Philippines (MACP Philippines)

Community Lead | March 2025 - Present

- Spearhead community growth by organizing monthly workshops and strategic company partnerships, while delivering technical sessions on **Azure Cloud** to upskill students and professionals.

Certificates & Certifications

- **Microsoft Certified: Fabric Data Engineer Associate (DP-700)** | Issued by Microsoft
- **Microsoft Certified: Azure Data Fundamentals** | Issued by Microsoft
- **Apache Airflow 3 Fundamentals Certified** | Astronomer
- **Apache Spark 3 - Spark Programming in Python** | Udemy
- **The Complete SQL (PostgreSQL) Bootcamp: Go from Zero to Hero** | Udemy
- **Data Warehouse Guide** | Udemy
- **Snowflake - The Complete Masterclass** | Udemy