

# 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

- |   |                           |                    |
|---|---------------------------|--------------------|
| • Programming Languages<br>(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 **Laravel** 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