









## RICHMUND GARCES ALLORDE

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## EXPERIENCE

### Business Intelligence Developer

*SM Prime Holdings, Inc. (Pasay City)*

*November 2024 – present*

- Automated API data extraction with Python, expanding data sources for analytics and increasing reporting coverage.
- Designed and implemented reporting processes using dynamic SQL in SSIS, while progressively adopting modern data practices—including data lakehouse architectures (ETL, ELTL, medallion, hybrid) and Airflow workflows—to enhance pipeline efficiency, governance, and scalability.
- Developed ETL pipelines, interactive dashboards, and Power BI reports, delivering actionable insights.
- Implemented parallel run of AMLA sanction screening using small-batch processing with Levenshtein distance matching, reducing turnaround time from 5 days to 1 day.
- Resolved business intelligence-related issues, optimized reporting processes, and provided support to end-users with data-driven solutions.

### Data Management Analyst

*Information Professionals, Inc. (Quezon City)*

*August 2023 – October 2024*

- Assigned to UNILAB, Inc.
- Delivered 2 end-to-end reporting projects within 6 months, consolidating multiple data sources from SQL backend through SSIS into user-friendly Tableau dashboards and accelerating report availability from Month-1 to Day-2.
- Designed SQL data models, developed SSIS ETL workflows, and built Tableau dashboards to consolidate multiple data sources into interactive views of regional performance, branch KPIs, stockouts, days of supply, and shelf availability.
- Developed an Excel (Power Pivot) Dashboard version on top of SQL datasets, providing non-Tableau users with broad accessibility to stock, supply, and availability insights, driving faster adoption across teams.
- Developed Excel VBA/macros to automate monthly consolidation, reducing processing time from 2 days to under 30 minutes.
- Implemented data quality checks using dynamic SQL, producing Excel reports with validation remarks that reduced manual review time and improved data accuracy.

### Instruction Specialist

*Fame Academy of Science and Technology, Inc. (Taal, Batangas)*

*March 2021 – June 2023*

- Applied optical mark recognition in checking assessments.
- Automated tasks using macro scripts.
- Coached Quiz Bee teams.
- Created educational contents (PowerPoint and Videos).
- Designed electronic templates of forms.
- Handled Analytic Geometry, Calculus, and General Physics.
- Lead a team in conducting a series of quiz bee eliminations.
- Provided insights into decision-making in academic patterns.

## EDUCATION

### Bachelor of Science in Electronics and Communications Engineering (BSECE)

*Rizal Technological University*

## SKILLS

- Adaptability, Analytical, Continuous Learner
- Airflow
- Artificial Intelligence
- AutoCAD
- Critical Thinking and Problem-Solving
- Data Lakehouse Management
- Data Warehousing
- MS Office – Excel, PowerPoint, Word
- Power BI
- Python Programming
- SQL
- SSIS
- Tableau

## CERTIFICATIONS & QUALIFICATIONS

- Autodesk Certified User in AutoCAD – Certiport
- Class C Amateur Radio Operator – NTC
- Google Data Analytics – Coursera
- National Quizzer – ASEP, IECEP, National Super Quiz Bee
- Power BI Masterclass – DataSense Analytics

## PREVIOUS EXPERIENCE

### Intern Technical Staff

*PLDT (Mandaluyong City)*

*May 2019 – July 2019*

### Intern IT Support

*Inspiro formerly known as SPiCRM (Mandaluyong City)*

*June 2017 – March 2018*

## PROJECTS

### Business Intelligence & Dashboarding

- CapEx Dashboard (*Power BI*) – Visualizations for budget and project status monitoring.
- Daily Offtake & On-Shelf Availability Reports (*Excel + Tableau*) – Inventory and sales monitoring for a drug store chain and a retail company.
- IT Operations Dashboard (*Power BI*) – Improved IT asset visibility and compliance by centralizing real-time device and software insights.
- Net Reservation Sales Dashboard (*Power BI*) – Tracks net reservation sales, remaining property inventory, and buyer demographics.
- Security Management Dashboard (*Power BI*) – User access details and usage monitoring.
- SMLIFE Kudos Dashboard (*Power BI*) – Data visualizations integrated into an application.

### Power BI Masterclass & Google Data Analytics Capstone

- Adventure Works Sales Dashboard (*Power BI*) – Regional, sales, and product analysis.
- Cyclicistic Bike-Share Analysis (*Google Data Analytics Capstone + Tableau*) – Customer usage patterns analysis.
- Instructor Dashboard (*Power BI*) – Student details and assessment results summary.
- Market Analysis Dashboard (*Power BI*) – Revenue insights by country, product, and manufacturer.
- Performance of Qatar – FIFA 2022 (*Power BI*) – Match performance analytics.
- Personal Finance Dashboard (*Excel*) – Income, expenses, and budget tracking.
- UN SDG Tracker (SDG 7: Affordable and Clean Energy) (*Power BI*) – Final project.

### Data Engineering & Automation

- Airflow & Dell Data Lakehouse Orchestration – Integrated with Dell Data Lakehouse to automate ETL pipelines, refreshed materialized views, and orchestrate aggregated/dimensional data loads.
- AMLA Screening Optimization (Python Scripts) – Enhanced sanction screening for compliance and risk mitigation.
- API Data Pull Implementation (Python Scripts) – Automated data ingestion via APIs.
- MS Electronic Templates (Excel + VBA Macros) – Created macro-enabled forms and templates for operational efficiency.
- SSIS Pipelines – Automated ETL processes to enable timely reporting.

### Academic & Training Projects

- Project Duino – Compilation of Arduino instructional videos.
- Project Matheux – Compilation of Analytic Geometry instructional videos.

## CHARACTER REFERENCES

### Engr. Jaime P. Licuanan

*Tier 3 Network Engineer*

*Intrado Corp, US*

### Ms. Raphaella Bianca S. Valencia, RPM

*Guidance Counselor / Instruction Specialist*

*Fame Academy of Science and Technology, Inc.*

### Engr. Rufino O. Ochoco, Jr.

*Radio-TV Operations Engineer / Technical Director*

*ABS-CBN Corporation*

### Mr. Joseph C. Sanchez

*Tableau Developer*

*MISNet*