

RHEY ANN MAGCALAS

DATA ENGINEER

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WORK EXPERIENCE

NUSKIN

SENIOR DATA ENGINEER | DEC 2022 TO PRESENT

- Led the analytics team in pioneering the creation of comprehensive global reports, empowering executives and product owners with actionable insights to optimize company performance.
- Spearheaded the development of a cutting-edge real-time data recommendation system with Google Tag Manager, slashing data latency from 72 hours to an impressive 5 seconds.
- Transformed ETL processes by leveraging Matillion and Apache Airflow, resulting in significantly streamlined data workflows and enhanced operational efficiency.
- Engineered robust real-time data integration solutions utilizing Flink and Kinesis, facilitating seamless ingestion and processing of massive data streams.

KUMU

SENIOR DATA ENGINEER | MAY 2022 TO NOV 2022

- Architected and implemented real-time data pipelines to support machine learning recommendation systems, integrating AWS Kafka MSK with Databricks and PySpark.
- Led the development of ETL pipelines using Apache Airflow, Databricks, and PySpark, facilitating the ingestion of production data into the organization's data warehouse.

RINGCENTRAL

SENIOR SOFTWARE ENGINEER | OCT 2020 - MAY 2022

- Led 4 engineers regarding pipeline migration from Streamsets to Pyspark using Kubernetes and S3, resulting in an annual savings of 50% and increase performance of 70%.
- Developed end-to-end machine learning pipeline regarding prediction of MOS (mean opinion score), allowing the company to determine MOS related issues in real-time.

OPERATIONS SOFTWARE TOOLS DEVELOPER | JUL 2018 - SEP 2020

- Automated real-time monitoring of product metrics and network for swift issue identification.
- Developed a business intelligence website for product metrics and reports.

TREND MICRO

SOLUTION EFFICIENCY ENGINEER | MAR 2015 - JAN 2018

- Increased support team efficiency by 70% within 2 months after consolidating all the tools needed for web analysis into one website.
- Built pipelines for web scraping, transformation and saving of website information used for data analysis and correlation.

PROPLE BPO INC

WEB DEVELOPER & INTERN | NOV 2013 - MAR 2015

- Led a team of 4 engineers in the development of 2 websites aimed at automating the generation of sales and marketing reports, resulting in a 70% reduction in manual processing and a significant increase in operational efficiency.

EDUCATION

- Eskwelabs Data Science Fellow Bootcamp Sep 2020 - Dec 2020
- Bachelor of Science in Information Technology Jun 2010 - May 2014
Polytechnic University of the Philippines

SKILLS

PROGRAMMING LANGUAGES:

- **Backend:** Python (Django, Fastapi, Flask), Java (Flink)
- **Frontend** - (Javascript, JQuery)

DATA ENGINEERING:

- **Python Libraries:** Pandas, Pyspark,
- **Frameworks:** Flink, Streamsets, Prefect, Airflow, Matillion, Kafka, Solace, Databricks

DATA ANALYTICS:

- Lookerstudio, Kibana, Streamlit

CLOUD:

- **AWS:** S3, Lambda, EC2, DynamoDB, RDS, Kinesis, MSK, Redshift, Athena
- **Google Cloud:** BigQuery, Cloud Storage, Google Analytics, Google Tag Manager
- **Azure:** VM, Storage, Web App

TECHNOLOGIES:

Ansible, Docker, Kubernetes, Git, SQL, Elasticsearch, Redis

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Microsoft Azure Fundamentals
- Information Technology Infrastructure Library (ITIL) Training and Certification

AWARDS

- 2021 Service Console and QoS Hackathon, Champion
- 2021 Kumu Hackathon 2nd Runner Up
- Special Awards TeamWork Q3 2020
- 2020 Best Data Visualization, Eskwelabs
- Ringcentral Top Performer Q2 2019
- WRS Employee of the Quarter, 1H 2016, 1H 2017