THANAPOOM TONGPLENGSRI

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PROFESSIONAL SUMMARY

An independent and highly-motivated individual who has a passion for working in a data engineering field has been self-studying through online courses for around 6 months, completing more than 30 courses. Being self-disciplined, organized as well as the strive for understanding fundamental concept in AWS Cloud Integration Service and an aspiration for coding in SQL and Python with usages of AI tool enabled me to obtain necessary skills for building completed data engineering projects, ranging from extracting the data to creating visualization reports and published them on Github, proving strong cloud data skills and an ability to apply core concepts to a real data engineering practice

KEY PROJECTS

AWS Serverless Datalake Project

- Designed and implemented a fully serverless datalake on AWS to process mock supermarket sales data, simulating daily uploads
- Optimized storage and query performance : Reduced file size by 85.66% (CSV to Parquet) and data scanned by 99.3% through partitioning
- Automated daily updates using Step Functions, EventBridge, and Glue jobs; visualized insights with QuickSight dashboards
- Tools: S3, Glue, Athena, Step Functions, CloudWatch, QuickSight, Python, SQL
- GitHub: github.com/ThanapoomJoey/AWS-Serverless-DataLake

AWS Data Warehouse Project

- Built an automated data warehouse system on AWS using Redshift, DBT, and Airflow to analyze supermarket sales data
- Integrated daily incremental updates from S3 to Redshift via Python/Boto3, with DBT transforming raw data into a star schema for analytics
- Created QuickSight dashboards for sales trends and performance metrics; ensured data quality with DBT-Great Expectations
- Tools: Redshift, DBT, Airflow, S3, EC2, QuickSight, Python, SQL
- GitHub: github.com/ThanapoomJoey/AWS-Data-Warehouse

TECHNICAL SKILLS

Programming & Tools : Python (Pandas, Boto3), SQL, PySpark, DBT, Apache Airflow, Tableau
AWS Services : S3, Glue, Athena, Redshift, QuickSight, IAM, EventBridge, CloudWatch, Step Functions, EC2
Data Engineering : ETL Pipelines, Data Modeling, Data Quality, Serverless Datalake, Data Warehouse Design
Languages : Thai (Native), Chinese (HSK4), English (Basic, improving through self-study)

PROFESSIONAL EXPERIENCE

SELF-DIRECTED INVESTOR   2018–PRESENT (7 YEARS)

- Grew investment portfolio from 200,000 THB to 1,800,000 THB through stocks and cryptocurrency over 7 years
- Studied investment strategies and market trends independently, making informed decisions and adapting to changing conditions

FINANCIAL ADVISOR , BANGKOKLIFE   2022–2024 (2 YEARS)

- Provided personalized financial planning, tax strategies, and investment advice to clients
- Leveraged expertise in stocks, cryptocurrency, and life insurance to guide clients toward financial goals
- Built trust and analytical skills through tailored client solutions

ASSISTANT MANAGER , หจก.โรงสีไฟอึ้งเลี่ยงเส็ง   2015–2021 (6 YEARS)

- Managed daily operations, overseeing 10+ workers, machinery maintenance, stock inventory, and production timelines to meet targets
- Reported directly to the owner, ensuring efficient communication and execution of strategic goals
- Developed problem-solving and leadership skills in a fast-paced environment

EDUCATION & CERTIFICATIONS

BACHELOR'S DEGREE

Economics , **Sukhothai Thammathirat Open University** , **(2021)** ,(Studied part-time while working)

CERTIFICATIONS

- 30+ FutureSkill Courses (SQL, Python, AWS Cloud , Data Analytics , Data Engineer , Data Visualization)
- CFP Module 1-4 , IC License (121911)

ADDITIONAL INFORMATION

- Successfully self-funded university education through work and investments
- Passionate about leveraging data to solve real-world problems, with a strong foundation in AWS cloud technologies and data pipelines