

YOSWAT SUNTONAROM

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Summary

a **GCP Certified Data Engineer** with **almost 7 years** of work experience. Hands-on experience in **Data Engineering** and **Software Development** using Python, NodeJS, SQL, and Bash involving mainly **GCP services**. Proficient in Data integration for both batch & real-time, data governance, data contracts, application development and infrastructure management. Interested in math, programming and technologies.

Experiences

Telescope Services AB - Consultant

Oct 4, 2022 - current

Malmö, Sweden

- Consultant at IKEA IT AB: Oct 4, 2022 - Aug 31, 2024 (1 year 11 months)

Telescope Services AB - Software Engineer (client: IKEA IT AB)

Oct 4, 2022 - Aug 31, 2024 (1 year 11 months)

Malmö, Sweden

Highlights

- Maintained **data contracts** from/to various internal parties such as:
 - planner data (IPEX) from customers' furniture design platform.
 - customer interactions via web and app (Data as a Platform).
 - IKEA item buyback transactions.
 - IKEA's customer messages transactions
 - IKEA's customer booking transactions.
- **Real-time data integration** on **Google Cloud Platform** with CloudEvents specification.
- Kicked-off **modern cloud structure** project with Terraform.
- Developed helper apps to improve productivity.

Details

- Maintained 30+ data contracts on real-time data integration with **OpenAPI** and **Redocly**, using NodeJS & Python on **Google Cloud Run**, **Google Cloud Pub/Sub** and **Google Cloud Dataflow**.
- Participated infrastructure standardization in 2 projects with **Terraform** scripts.
- Modernized the platform by developing custom modules using **Google Artifact Registry** and **Google Cloud Build** for CI/CD processes.
- Collaborated with team for software development:
 - Participated in building CI/CD pipelines using **Github actions** and **Google Cloud Build**.
 - Integrated Github actions and Google Cloud Build with **Slack**.
 - Developed automation with **Terraform** scripts.
 - Knowledge in writing test scripts for CI/CD pipelines, both Javascript with **Chai** & Python **unittest**
 - Monitored services with **Grafana** and Google **Stackdriver**.
 - Documented on **Confluence** & **Github Markdown** (with mermaid diagram)
- Supported team in business problem solving with **Google BigQuery** query statements and visualizing data on **Google Data Looker** for quick insights.
- Improved & upgraded 10+ legacy internal micro-services in NodeJS in order to smoothen seamless operations.
- Adopted **CloudEvent** specification standard for data integration pipelines.
- Developed 2 small apps for productivity increase that is **slack notification integration** and Google Cloud Build trigger **submodule**.

Skills

- **Google Cloud Platform**: Google Cloud Run, Google Cloud Pub/Sub, Google Dataflow, Google Artifact Registry, Google Cloud Build, Google Data Looker, Google Cloud Stackdriver
- **Language**: Python, NodeJS, Bash, SQL, Terraform
- **Tools**: Github actions, OpenAPI, Redocly

Experiences

True Digital Group - Data Engineer

Nov 1, 2017 - Sep 30, 2022 (4 years 11 months)

Bangkok, Thailand

- Highlights**
- **Batch and real-time data integration pipelines** using Python from/to various endpoints such as APIs, AWS Athena, Google Cloud Storage, Google BigQuery, and Google Cloud Pub/Sub.
 - An **APIs for Customer Relationship Management team** to display customer status from their incoming calls using NodeJS.
 - **Engineering dashboards** for monitor current job metrics
 - Data tables modeling and design based on **medallion architecture**.
 - **SQL queries designated** per business request/integration.
 - Developed **CI/CD pipelines** for product deployment with Google Cloud Build and BitBucket

- Details**
- Maintained 70+ data pipelines on 50+ data sources with **Talend, Airflow, and Matillion** while enabling automation deployment up to 95% on **Google Cloud Composer** via **Google Cloud Build** as a CI/CD tool integrated with **BitBucket**.
 - Modernized API endpoints for Customer Relationship Management using **Loopback** and **MySQL** to improve customer engagement with greater than 1400 requests per minutes.
 - Designed data structure on **Google BigQuery** using medallion architecture in order to maintain data and sharing to customers with best practices.
 - Integrated real-time data pipelines by more than 10 through **Google Cloud Pub/Sub** and **Google Cloud Functions** to enhance data usage among 20+ teams.
 - Protected all sensitive data up to 80% in different levels; **GPG** file encryptions, **SHA256** hashing, **AES CBC/GCM** encryption on field level.
 - Created **Bash/Python** scripts to automate time-consumed tasks, reduce wasting time up to 30 minutes a day.
 - Communicated with users to optimize the queries on **Google BigQuery**, decrease cost and waiting time up to 70%.
 - Analyzed transactions on top of 60+ million customer ID towards ad hoc requests from marketing and content teams.
 - Visualized data using **Tableau** and **Google Data Studio** for over 20 dashboards to reduce manual data querying and boost the marketing campaigns.

- Skills**
- **Google Cloud Platform:** Google Cloud Storage, Google BigQuery, Google Cloud Pub/Sub, Google Cloud Functions, Google Data Studio, Google Cloud Build, Google Cloud Composer, Google Cloud Stackdriver
 - **Language:** Python, NodeJS, Bash, SQL
 - **Tools:** Airflow, Talend, Matillion, Git, BitBucket, Tableau
 - **Others:** Loopback.io, GPG

IT One - SAP Consultant (Human Resources Management)

Jun 2, 2015 - Oct 27, 2017 (2 years 5 months)

Bangkok, Thailand

- Highlights** **SAP configurations** and program consultancy in HR module

- Details**
- Fulfilled customers' requirements using both **standard configurations** and 25+ **customized ABAP programs**.
 - Solved the customers' incident from using **SAP** application for more than 20 cases a day.
 - Helped ABAPers by debugging programs in some tiny cases
 - Participated in discussions for improving clients' work efficiency and reduce incoming incident cases up to 30%

- Skills** SAP: HR module

Freelance Programmer and Consultant - Developer (Visual C# on .NET Framework)

Mar 1, 2015 - May 31, 2015 (3 months)

Songkla, Thailand

- Highlights** a **Transportation Management System** (from Progitech Co., Ltd.)

- Details** Continued support and implementation of the program, also provided advices for the implementation.

- Skills** C#, .NET framework, MySQL

Experiences

Progistech - Developer (Visual C# on .NET Framework)

May 12, 2014 - Feb 28, 2015 (10 months)

Songkla, Thailand

Highlights a **Transportation Management System** to enhance cost-optimization

- Details**
- Designed the database from scratch with proper entity relationship to an automated creation script on **MySQL**.
 - Adapted budget-based concepts to enhance cost-optimization by 50% in transportation fix costs and variable costs.
 - Implemented the application in **C#** on **.NET framework**.

Skills C#, .NET framework, MySQL

Western Digital - Web Developer Internship

Mar 2013 - May 2013 (3 months)

Ayutthaya, Thailand

Highlights An **online questionnaires** to question alumni, capable to **update questions** by administrators.

- Details**
- Established the webpages for administrators to create and update questions in order to generate a questionnaires page automatically to reach more than 300 alumni.
 - Integrated the webpages with an **email service** to send out the questionnaire links to alumni.

Skills PHP, JavaScript, XML

Skills & Competencies

Programming languages [SQL](#), [Python](#), [NodeJS](#), Go, Java, Bash, C#, HTML, PHP

Databases [BigQuery](#), [Google Firestore](#), [MySQL](#), Google Memorystore, PostgreSQL, Oracle, RDBMS, NoSQL

Orchestration tools [Google Cloud Dataflow](#), [Apache Airflow](#), [Talend](#), Matillion, Google Cloud Composer

Data processing tools [Apache Beam](#), dbt

Infrastructure tools [Google Cloud Run](#), Google Cloud Pub/Sub, Google Cloud Functions

Visualization tools [Google Data Looker](#), Tableau, Grafana

Development tools [VSCode](#), [Neovim](#), [Apache Beam](#), [Docker](#), Loopback, Node-RED, Terraform, Google Artifact Registry

Version control [Git](#), [Github](#), BitBucket, Google Cloud Build, Github Actions

Security Google Secret Manager, Google Cloud KMS, GPG, AES Encryption, SHA256

Analytics Pandas, Sci-kit learn, Microsoft Excel, matplotlib, seaborn

Others CSV, JSON, YAML, Parquet

Certificates

Udacity Nanodegree Program - AI Product Manager

Sep 2021

udacity.com/certificate/e/80f03922-8d81-11eb-a0b6-5b96ae2b2f25

Google Cloud Professional Data Engineer

Jan 2021

credential.net/e/1567753-c38c-440f-8e3d-e562c6987332

Education

Bachelor Degree in Computer Engineering

May 2010 - March 2014

Prince of Songkla University, Songkla, Thailand