

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 - 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:
 - o planner data (IPEX) from customers' furniture design platform.
 - o customer interactions via web and app (Data as a Platform).
 - o IKEA item buyback transactions.
 - o IKEA's customer messages transactions
 - o 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:
 - o Participated in building CI/CD pipelines using [Github actions](#) and [Google Cloud Build](#).
 - o Integrated Github actions and Google Cloud Build with [Slack](#).
 - o Developed automation with [Terraform](#) scripts.
 - o Knowledge in writing test scripts for CI/CD pipelines, both Javascript with [Chai](#) & Python [unittest](#) (including apache beam testing).
 - o Monitored services with [Grafana](#) and Google [Stackdriver](#).
 - o 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
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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
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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 Progistech 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

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

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/e1567753-c38c-440f-8e3d-e562c6987332

Education

Bachelor Degree in Computer Engineering

May 2010 – March 2014

Prince of Songkla University, Songkla, Thailand