VINOTH S/O NANDA KUMARAN

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CAREER SUMMARY

Technologically adept professional leveraging Excel, Python, SQL, Tableau, and Power BI to drive data-driven decision-making and operational efficiency. Proven expertise in logistics, warehouse management, and business operations with 12 years of experience & a strong track record of leading teams to optimize distribution processes and manage warehouse operations. Known for developing impactful dashboards and reports, streamlining processes, and delivering exceptional results in fast-paced environments. Skilled in analyzing data, improving performance metrics, and consistently meeting business objectives

EDUCATION

SINGAPORE UNIVERSITY OF SOCIAL SCIENCES   **Jul 2023 – Jun 2027**

Bachelor of Science (Major in Business Analytics)   **(expected)**

SINGAPORE UNIVERSITY OF TECHNOLOGY & DESIGN   **Feb 2021 – Jan 2022**

Modular Masters in Data Science

TEMASEK POLYTECHNIC   **May 2001 – Jun 2004**

Diploma in Computer Engineering

CERTIFICATIONS AND SKILLS

- Technical Skills: Python, SQL, Tableau, MS Power BI, GIT, Github, Microsoft Azure, Excel, Apache PySpark, Airflow, Unix Shell Scripting
- Management & Soft Skills: Time Management, Communication, Attention to Detail, Team Leadership & Mentoring, Adaptability, Organized, Analytical Thinking
- Language Skills: English, Tamil

GENERATIONSG PROJECT – JUNIOR DATA ENGINEER

[End to End Data Engineering Project – Global Sustainability Visualization](#)   Aug 2024

- Developed Python-based ETL pipeline to automate data ingestion from Kaggle API into DuckDB database, streamlining data integration processes
- Created Tableau visualizations to highlight regional disparities in access to sustainable resources and compare greenhouse gas emissions

[End to End Data Engineering Project – E-Commerce Data Visualization](#)   Oct 2024

- Developed Python-based ETL pipeline to automate data ingestion from Kaggle API into Microsoft Azure for storage, DataBricks for transformation
- Utilized Microsoft Azure suite of SaaS and PaaS offerings to perform data visualization on MS Power BI.

PORTFOLIO PROJECTS

[Data collection of football team statistics](#)   Jan 2023

- Utilizing PyTesseract, an OCR library & Python, created a bot to extract data from a picture & store in a database

SUTD PROJECT

[Data Science Modelling – Capstone Project](#)   Nov 2021

- Performed Exploratory Data Analysis (EDA) to identify employee patterns and causes of attrition
- Utilizing statistical methods like Chi-Square and ANOVA, tested hypotheses for categorical and numerical values
- Built a ML model, managing to categorize employees using a risk rating to predict attrition

EXPERIENCE

GENERATION SINGAPORE (IN PARTNERSHIP WITH MICROSOFT & TEMASEK POLYTECHNIC)
JUNIOR DATA ENGINEER TRAINEE   **Jul 2024 – Oct 2024**

- Undergo a 12-week intensive training program, focusing on the Datacamp Data Engineer track (Datacamp – the main interactive self-directed learning platform.
- Acquired foundational skills in data engineering, including Python, SQL, PostgreSQL, Power BI, GIT, GitHub, Azure
- Demonstrated teamwork and technical competencies by completing two projects on designing and building data platforms to collect, store, and retrieve raw data, building data pipelines effectively, applying structured problem-solving techniques to determine solutions, and designing and deploying data solutions on cloud and creating dashboards for further analysis
- Enhanced behavioral skills and professional mindset to succeed in the dynamic tech industry

PRIVATE HIRE DRIVER (GRAB, GOJEK, TADA)   **Jul 2019** – Present

- Maximize personal earnings based on the analysis of data points extracted through analyzing Grab, Tada, Gojek platforms and their algorithms.
- Became private hire driver (PHV) part time to be the primary caregiver for my son who is diagnosed with autism

CAREGIVING BREAK   **Jul 2019** – **Jan 2021**

RAJA RICE IMPEX PTE LTD – Singapore   **Jul 2012 – Jun 2019**
Importer & distributor of rice

Operations Executive (Jul 2015 – Jun 2019)
- Secured better terms for materials by analyzing foreign exchange rates and material costs based on historical data.
- Ensured accurate inventory levels, timely replenishment and efficient order fulfillment.
- Addressed customer inquiries and resolving issues related to order fulfillment, delivery, and product quality.
- Tracked and analyzed key performance indicators (KPIs) such as delivery times, order accuracy, inventory turnover, and warehouse productivity.
- Analyzed transportation data to optimize delivery routes, resulting in a 15% reduction in fuel consumption, a 12% decrease in transportation costs and a 10% improvement in delivery times.

Logistics Coordinator (Jul 2012 - Jun 2015)
- Oversaw inventory management, including organized storage, picking, packing, and distribution of goods.
- Handled procurement by working with vendors and managing 3PL relationships.
- Ensured the successful execution of delivery and courier services by supervising drivers and coordinating logistics.
- Directed, optimized, and coordinated the entire order cycle to ensure smooth operations.
- Improved inventory accuracy by 40%, reduced order fulfillment time by 20%, and decreased holding costs by 15%, leading to enhanced operational efficiency and customer satisfaction by reorganizing the warehouse layout, implementing an advanced inventory management system, and conducting team training.

Gangaa Trading Co (S) Pte Ltd - Singapore   **Jul 2009 - Jun 2012**
Wholesale grain distributors
Logistics Executive

- Managed the flow of incoming materials and guaranteed the timely delivery of finished products to drivers.
- Arranged the warehouse layout, cataloging goods, planning delivery routes, and processing shipments.
- Focused on supply chain management by overseeing order fulfillment, running day-to-day operations, and leading the team to achieve operational excellence.
- Collaborated with suppliers, manufacturers, retailers, and consumers to maintain strong relationships and efficient supply chain processes.
- Resolved a major supply delay by reorganizing warehouse operations, adjusting delivery routes, and managing client expectations, which reduced backlog by 40% and improved operational efficiency by 15%.