

Ruby Ferdianto

Singapore PR | (+65) 84351681 | rubyferdianto@gmail.com

LinkedIn: <https://www.linkedin.com/in/ruby-ferdianto> | GitHub: <https://github.com/rubyferdianto>

CAREER SUMMARY:

Results-driven Application Engineer and Solution Analyst with extensive experience in supply chain and logistics ERP systems (SmartMaterials/SPMAT), solution design, system integration, and data analysis. Proven ability to translate business requirements into functional and technical solutions, develop workflows and interface specifications, and collaborate with cross-functional teams to deliver high-performance, supply chain-focused IT solutions. Skilled at aligning the systems with business objectives, optimizing operations, and ensuring compliance with data governance and security standards.

Key Strengths:

- Skilled in developing technical documentation and aligning requirements across functional business units to enhance operational visibility.
- Proficient in data extraction from Oracle SQL databases, data cleaning, analysis, and visualization development.
- Strong in reviewing code quality and designing, developing, and optimizing SQL scripts, procedures, packages, triggers, and functions for performance efficiency.

TECHNICAL SKILLS:

- ERP & Enterprise Applications: Hexagon SmartMaterials, Oracle Fusion Middleware
- Databases & Data: Oracle SQL, PL/SQL, MySQL, PostgreSQL, Microsoft SQL Server, MongoDB.
- Programming & Scripting: Python, Unix, JavaScript, HTML/CSS, PHP
- Cloud & Integration: Google Cloud Platform (GCP), REST API, JSON.
- Tools: GitHub, VS Code, ServiceNow, SQL Developer, SSRS, Oracle Forms, APEX
- Data Engineering & Analytics: Streamlit, Pandas, Numpy, Docker, Web Scrapping, Parquet.
- Reports and Visualization: PowerBI, SSRS, Oracle Reports.

CERTIFICATIONS:

- Oracle PL/SQL, Oracle Database SQL Certified and PostgreSQL Developer.
- Python Developer Certified
- NTU Course Advanced Certificate in Data Science and AI - *ongoing development.*

PROFESSIONAL EXPERIENCE:

Air Products Industrial Gases Pte. Ltd, Singapore

APPLICATION ANALYST, March 2023 – May 2025

- Designed and implemented ERP solutions for engineering, supply chain and logistics operations, integrating system with financial and construction systems.
- Developed workflow diagrams, interface specifications, and reports for supply chain performance monitoring and forecasting.

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- Monitored ERP system performance, optimized PL/SQL packages, and trained users to improve operational efficiency.

McDermott Asia Pacific Sdn. Bhd., Malaysia

SENIOR PRINCIPAL IT PILLAR SPECIALIST, December 2019 – Feb 2023

- Led ERP architecture design and system integration to streamline supply chain processes across multiple business units.
- Provided L1/L2/L3 incident resolution via ServiceNow and root-cause analysis to improve business reliability of the systems.
- Validated Oracle scripts and workflow enhancements prior to UAT and production deployment.

CV. Virtual Data Tech, Indonesia

ENTREPRENEUR (STARTUP), Mar 2012 – Nov 2019

- Founded a technology consultancy, partnering with an Australian firm to deliver ERP solutions for clients.
- Designed and implemented ERP modules, developed SSRS and Oracle Reports, and improved customer service quality.
- Built a mobile app for source inspection in the logistics industry using Cordova, Node.js, HTML, CSS, JavaScript, and PHP, enabling inspectors to capture field activities (including photos and videos) and integrate them with the system.

TecSurge Pte. Ltd, Singapore

SENIOR APPLICATION CONSULTANT, Mar 2009 – Mar 2012

- Delivered ERP enhancements and technical solutions to optimize logistics and supply chain processes.
- Developed accelerated ERP modules using SSRS and Oracle Reports, reducing implementation time and operational costs.
- Implemented ERP systems onsite and offsite globally, focusing on Procurement, Expediting, Logistics, and Construction functions.

Averis Sdn. Bhd., RGE Group, Malaysia

PROJECT ANALYST, June 2006 – Feb 2009

- Developed ERP applications based on user requirements, managed Oracle databases, and oversaw server infrastructure.
- Streamlined operational support processes, improving SLA performance from weekly resolution to same-day service.

QUALIFICATIONS:

- Bachelor's Degree in Informatics Engineering
University of Sanata Dharma, Indonesia | 2004