



Johnny Martinus Silaban

Experienced Solution Architect in ERP and BI Analytics

EXECUTIVE SUMMARY

Johnny Martinus Silaban is a professional with 20 years of experience in Financial Accounting and IT area focusing in ERP and BI Analytics solutions.

As Solution Architect who join Philip Morris International from 2014, I have involved in project implementations, proof of concept (PoC), solution guideline, assessment of new technology and applications.

Before join PMI, I was involved in numerous SAP projects in Tile and Glass Manufacturing, Automotive, Oil and Gas, Telecommunication, and Banking Industry and extensive working on exploring and implementing several financial modules in ERP and BI Analytics area.

Project experience covers analyzing of client business requirement and mapping to the client system, create business process blueprint through business process reengineering, configure according to blue print, propose technical and functional solution, functional and integration testing, preparation of technical specification and coordinating with technical & functional consultant, writing system documentation, program design and testing, knowledge transfer for new IT staffs, trouble-shooting, and conduct training.

PERSONAL DATA

Date of birth	: March 16, 1974
Address	: PT. Philip Morris Sampoerna Information Service Center, One Pacific Place 17 th Floor, SCBD, Jakarta, Indonesia
Location	: Indonesia
Mobile phone	: +628161781603
Personal email	: martinsilaban@yahoo.com ; martinsilaban@gmail.com
LinkedIn	: https://www.linkedin.com/in/johny-martinus-silaban-b84b44a/
Github	: https://github.com/martinsilaban/Docs

PROFESSIONAL CERTIFICATES

- SAP Certified Application Associate - SAP S/4HANA for Financial Accounting Associates SAP S/4HANA 1610 (2018)
- SAP Certified Associate – SAP S/4HANA Implementation Scenarios for Architects (2018)
- SAP Certified Application - Financial Accounting with SAP ERP 6.0 EHP5 (2013)
- Registered Accountant in Indonesia Chartered Accountant, Indonesia (1999)

EDUCATION

- Master in Accounting, Universitas Indonesia, October 2003, Jakarta, Indonesia
- Bachelor in Accounting, Universitas Sumatra Utara, Feb 1999, Medan, Indonesia

SKILLS

Solution Expertise	SAP ERP, Business Planning & Consolidation, Cloud Solution, BI & Analytics, Web Services, Big Data and Hadoop, DevSecOps, User Experience, Mobile Solution, Data Quality and Profiling
Functional Knowledge	SAP: S4 HANA 1610, SAP Data Services 4.2, Fiori 2.X and Screen Personas 3.X, SAP Business Object 4.x, SAP HANA 1.x SAP BW 7.3 and 7.4, SAP BPC 10.0 NW & SAP BPC 10.1 Unified (HANA), SAP SEM: Strategy Management & Cockpit Management (CPM), Business Planning Simulation (BPS), Business Consolidation (BCS), SAP R3/ECC6: Financial Controlling (FI/CO), Enterprise Controlling Consolidation (ECCS), Fund Management (FM) Microsoft: Power BI, SQL Server Reporting Services, SQL Database Web Development: Java Script, CSS, HTML Web Services: REST API, SOAP API Cloud Services: Amazon Web Services Architecture
Project Management	Vendor & Resource Management, Scrum & Agile Methodology
Soft Skill	Leadership, Collaboration, Communication

TRAINING

Q3.2019	Online Courses: DevOps Fundamentals, CI/CD Pipeline, Ansible, Website Development, JAVA, Web Service API, Architecture in AWS
May 2018	S/4 HANA Certification, SAP Learning Hub
September 2015	SAP BW on HANA (BW 7.4) Training, SAP Indonesia
July 2015	SAP BIIP Training, SAP Indonesia
February 2015	SAP HANA HA100 Online Training, Simplilearn
March 2011	SAP BO-Business Planning & Consolidation 7.5 NetWeaver, SAP Online Training
May 2009	SAP Bank Analyzer & IFRS Compliance: IAS 32 and 39 (Financial Instrument), SAP Indonesia
January 2009	SAP Business Planning & Consolidation (BPC) 5.0 Overview, SAP Indonesia
January 2007	SAP Treasury (CFM-TM) Overview, Astra Graphia IT

WORK HISTORY

May 2014 – Now	Philip Morris International Current Position: Solution Architect Analytics at Philip Morris Sampoerna Information Service Center, Jakarta, Indonesia
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Previous Position:

IS Solution Architect Analytics at Philip Morris Management SA, Lausanne, Switzerland (July 2017 – Feb 2018)

IS Solution Architect SAP BPC & Finance at PT. HM Sampoerna, Jakarta, Indonesia (May 2014 – June 2017)

Responsibilities:

- Provide architecture guideline for Internal solutions during Upgrade, Changes or Project, also act as Subject Matter Expert for domain role during and after implementation.
- Serving Internal Project Delivery and Support over the delivery of business process re-engineering and systems solutions into the business community to ensures the implementation projects are on time and on budget and business needs and expectations are met.
- Awareness to all IS Stakeholder for new building block solution, capabilities, version or Service Pack upgrade or support to assure technology and functional update align to existing solution.
- Collaborate with Enterprise Architect to provide assessment of existing or new technology solution with result as position paper, solution roadmap and guard rails and also Proof of Concept (POC).

Selected achievements:

2018 - 2019:

- SAP mobile workflow experiment with Personas and Fiori,
- Microsoft Power BI and SAP BW Integration PoC
- SAP Near real-time data extraction with SLT and BODS PoC
- Concur DevSecOps Journey and Continuous Monitoring
- 2nd PMI BI & Reporting Tools Portfolio Assessment include with Opensource BI assessment
- Technical Assessment of MS. Power BI include with Row level security, Data Ocean (Hadoop) Integration, Data Preparation capability assessment

2016 - 2017:

- SAP ERP data ingestion to Data Ocean (Hadoop) with SAP BODS Project
- S/4HANA Capability Building and PoC - P2P, OTC & Finance
- PMI Reporting Tools Portfolio Assessment for existing BI & Analytics Portfolio and Future candidates
- SAP Lumira for HR PoC
- Successfactors integration to HR BW PoC
- Cloud Integration Program Assessment

2014 - 2015:

- Data Ocean Position Paper
- SAP ERP Data Integration to Data Ocean (Hadoop) PoC with SAP BODS
- SAP BI guardrails
- Solution review for SAP BPC projects

Mar 2012 – May 2014

Perdana Consulting, Jakarta, Indonesia

Latest Position: SAP Consultant & Project Manager

Project Assignment:

10/2013-4/2014

Client : PT. Pertamina Persero
Project Scope : SAP Roll-Out Pertamina Algeria Ltd.
SAP version : SAP ECC6
Role : Senior SAP FI/CO Consultant

Responsibility:

- Analyze client business process and requirement for FI/CO module
- Coordinate with consultant member to deliver client requirement and project scope
- Communicate with client Project Manager and Project Committee for any issue and progress status
- Review project deliverable e.g. documentation and deliver it based on timeline
- Configure FI/CO based on client business process requirement and prepare documentation related with project deliverable

7/2013-10/2013

Client : PT. Garuda Indonesia
Project Scope : Garuda Indonesia AP (Invoicing) Automation Project
SAP version : SAP ECC6 & Readsoft PDAP 7.2
Role : Project Manager

Responsibility:

- Analyze client business process and requirement for Invoicing process
- Coordinate with subordinate and external consultant to deliver client requirement and project scope
- Communicate with client Project Manager and Project Committee for any issue and progress status
- Review project deliverable e.g. documentation and deliver it based on timeline

5/2012-3/2013

Client : PT. Garuda Indonesia
Project Scope : Garuda Indonesia SIX SAP Project
SAP version : SAP BPC 10 NW
Role : SAP BPC Consultant

Responsibility:

- Analyze client business process and requirement in Financial Planning model
- Set up some dimensions and model for Financial Planning model in BPC Admin web
- Develop Script Logic and Business rule to use with Data manager package
- Prepare BPC Input Form and Report in Financial Planning model
- Create functional spec design for BADI development and test the result in BPC Package
- Validate actual data from SAP ECC6 or BW area to use as comparison data in Financial statement report
- Deliver Business process flow (BPF) Financial planning model for process:
 - Collect Financial data from Non-Financial model
 - Entry Financial planning data

- Garuda Indonesia Corporate & Consolidation Trial balance & Reporting (Balance sheet, Income Statement & Direct Cashflow)
- Garuda Indonesia Consolidation Trial balance & Reporting (Balance sheet, Income Statement & Direct Cashflow)

Sept 2011– Feb 2012

PT. LG CNS Indonesia, Jakarta, Indonesia

Latest Position: SAP FI Consultant

Project Assignment:

9/2011-2/2012

Client : PT. Titan Petrokimia Nusantara (a subsidiary of Titan Petrochemical Malaysia)
Project Scope : TPN SAP Rollout Project
SAP version : SAP ECC6
Role : SAP FI Consultant

Responsibility:

- Responsible for handle localization process to meet global template rule
- Analyzing current program and report that will use in new system
- Make To-be process documentation for user
- Conduct Finance module training for user

May 2010 – May 2011

Siemens Limited Thailand, Bangkok, Thailand

Latest Position: Senior SAP SEM/BW Consultant

Project Assignment:

11/2010-2/2011

Client : Thoresen Thai Agency (TTA) Group
Project Scope : QA and Support for SEMBCS Thoresen Group Project (Joint in realization phase until project go-live)
SAP version : SAP ECC6 & SEM-BW 7
Role : SAP SEM-BCS Consultant

Responsibility:

- Perform analysis in TTA SEM BCS configuration and monitor. Also provide solution to SEM BCS configuration
- Hand-on for fixing consolidation monitor problem e.g. shortdump and error message related with not correct configuration in consolidation workbench
- Create configuration for SEM-BCS business function: Consolidation of Investment and Organization Changes
- Perform analysis and provide solution in BW/BI data collection & modeling related with SEM-BCS
- Provide solution for data upload (e.g. input template) and reporting (e.g. query) related with SEM-BCS in BW Query

8/2010-9/2010

Client : PTT PLC
Project Scope : PTTPLC Demo for Reimplementation Project (Sales Support)

SAP version : SAP ECC6 & SEM-BW 7
Role : SAP SEM-BCS Consultant

Responsibility:

- Responsible for configure and making business process scenario in SEM-BCS
- Analyze and find solution related with SEM-BCS data migration in Solution Strategy proposal
- Preparing presentation for Consolidation new process in SEM-BCS and functionality delta between old and new SAP version

Nov 2009 – May 2010

PT. IBM, Jakarta, Indonesia

Latest Position: SAP FICO & SEM-BCS Consultant

Project Assignment:

11/2009 – 5/2010

Client : PT. Pertamina
Project Scope : SAP Harmonization and Synchronization
SAP version : SAP ECC6 & SEM-BW 7
Role : SAP FICO & SEM-BCS Consultant and as Co. Lead for Fin Statement Team in IBM

Responsibility:

Financial Controlling (FICO):

- Responsible for identify and tracing amount different in ECC6
- Analyze and finding solution related with problem issue in Financial Controlling module
- Preparing document for remediation and other supporting document

SEM Business Consolidation (BCS)

- Analyze and finding solution related with issue in SEM BCS (technical & data issue)
- Mapping and analyze discrepancy between ECC6 and SEM-BCS report
- Preparing document for remediation and other supporting document

Nov 2006 – Oct 2009

PT. Astra Graphia Information Technology, Jakarta, Indonesia

Latest Position: SAP FICO, SEM-BW Consultant

Project Assignment:

7/2009 – 8/2009

Client : PT. Inti Pantja Press Industri (A subsidiary of PT. Isuzu Astra Motor Indonesia)
Project Scope : SAP Plant Maintenance (PM) Implementation Project
SAP version : SAP R/3 4.7 version
Role : SAP CO Consultant

Responsibility:

- Responsible for Controlling-Cost Object Controlling (Splitting, Actual Price Calculation, Revaluation, Settlement) and Cost Center Accounting processes (Activity Plan, Cost Distribution)

- Responsible for Controlling-Cost Object Controlling and Cost Center Accounting configuration (Define Order Type, Costing Variant for Maintenance Order, Splitting Structure, Order Type, Settlement Profile, Allocation Structure, Distribution Cycle)
- Preparing documentation for CO module (UAT, User Manual, Configuration)

4/2009 –7/2009

Client : **PT. Bakrie Telecom**

Project Scope : SAP ECC6 Re-implement for CO-PA, FI, SD, MM module

SAP version : SAP ECC6 version

Role : SAP FI/CO Consultant

Responsibility:

- Responsible for COPA and FI processes
- Responsible for FI and CO-PA Controlling configuration
- Preparing documentation FI and CO-PA module
- Responsible for get user requirement for new define process in CO-PA and new financial report in FI module

3/2009–4/2009

Client : **PT. Astra Daihatsu Motor**

Project Scope : SAP R/3 4.7 Implementation FI Electronic Bank Statement (EBS) module

SAP version : SAP R/3 4.7 version

Role : SAP FI Consultant

Responsibility:

- Responsible for Electronic Bank Statement (invoice payment, download to bank, upload bank confirmation and bank settlement) processes
- Responsible for FI E-Banking and Bank House configuration
- Responsible for format data SAP to Bank and for checking & testing data from bank (SWIFT MT940)
- Preparing documentation for Electronic Bank Statement module

12/2008 –3/2009

Client : **PT. Pertamina Direktorat Hulu**

Project Scope : SAP ECC6 Implementation FI, CO, MM module

SAP version : SAP ECC6 version

Role : SAP CO Consultant

Responsibility:

- Responsible for Cost Center (CCA), Profit Center (PCA) and Internal Order (IO) processes
- Responsible for Controlling configuration for Cost Center, Profit Center and Internal Order
- Preparing documentation for Cost Center, Profit Center and Internal Order module
- Making Report Painter for Cost Center based on specific user requirement
- Support for FI and CO module transaction after go live

10/2008 – 12/2008

Client : **PT. Timah (Persero) Tbk (Under SAP Indonesia)**

Project Scope : SAP ECC6 Implementation FI/CO, MM, PP/QM, SD module

SAP version : SAP ECC6 version

Role : SAP CO Consultant (Support)

Responsibility:

- Responsible for Controlling Profitability Analysis (CO-PA) and Controlling Product Costing (CO-PC) processes
- Preparing documentation and presentation Level 1 Training for CO-PA and CO-PC
- Create and preparing blueprint documentation for CO-PA and CO-PC

06/2008 – 08/2008

Client : PT. Bank Mandiri Tbk.
Project Name : Automatic Budgeting and Performance Project
Project Scope : SAP SEM-BW BPS Project – **Data Locking Problem**
SAP version : SAP SEM-BW version 600, SAP Netweaver 2004s
Role : SAP SEM CPM & BPS Consultant

Responsibility:

- Change BPS configuration in Planning Area, Level, Package & Layout due to Data Locking problem in BW BPS module
- Modify planning function and FOX Formula related with changes in Planning Level
- Change configuration in Planning Folder especially for variable as effect from configuration change in Planning Level
- Making planning folder test related with locking issue problem in client

3/2008 – 6/2008

Client : Astra International – Automotive Business Unit (ATPM)
Project Name : SAP Supporting Center (SSC) ATPM Project
Project Scope : SAP R/3 ATPM Support Project
SAP version : SAP R/3 version 4.7
Role : SAP FI/CO Consultant

Responsibility:

- Handle User Problem (UP) and make problem solution related with FI, CO, FM module
- Make evaluation for user Change Request (CR) based on impact in business process and man days effort for CR solution, changes in configuration, internal testing, User Acceptance Test and CR implementation.
- Make improvement solution for frequent same User Problem, with creating Internal Change Request (ICR)

10/2007 – 2/2008

Client : PT. Bank Mandiri Tbk.
Project Name : Automatic Budgeting and Performance Project
Project Scope : SAP SEM-BW, CPM and BPS Implementation Project
SAP version : SAP SEM-BW version 600, SAP Netweaver 2004s
Role : SAP SEM CPM & BPS Consultant

Responsibility:

- Mapping existing business process (As-Is) and define To Be processes
- Ensures that all design and prototype outputs, as well as any relevant input are well documented
- Brief description of responsibility for specific module in the project:
 - Strategy Management & Cockpit Management (CPM):

- Create and Configure Balanced Scorecard, Perspective, Strategy, Objective and Measurement/KPI. Also responsible all Graphics, Formula, Score and Status are similar with requirement
- Create and Design Management Cockpit, Cause Effect Chain and Value Driver Tree (VDT) based on scorecard design
- Design and Create Simulation for VDT. Making connection with BPS for simulation purpose. Make sure Score in Scorecard are equal with data in VDT based on FOX formula in BPS
- Business Planning Simulation (BPS):
 - Making Planning Area, Planning Level, Planning Package, Planning Layout and Planning Function.
 - Create some Planning Folder for Budgeting and Planning purpose
 - Making authorization for user with variables in planning area
 - Create several FOX Formula related with VDT and Planning Folder
 - Making Characteristic Relationship with Attributes and Hierarchy Type for use in Planning Folder
- Business Warehouse (BW):
 - Testing for data extract and retraction from and into infocube and make sure all function module can work well.
 - Maintain some master data related with responsible infoobject / characteristic
 - Making user authorization in BW with Management Analysis of Authorization
- ABAP Program:
 - Design Non Standard ABAP Program for capture Internal Bank Mandiri Service Level Agreement (SLA) that use as data for KPI / Measure purpose in Scorecard.
 - Configure and testing all non standard SAP program that related with KPI is process without error.
 - Making integration test with data from ABAP program, upload data flat file data into cube with DTP, checking and make sure value/amount data in cube and scorecard are same.

5/2007 – 9/2007

Client : PT. Indosat Tbk.
Project Scope : SAP R/3 Implementation Fund Management (FM) Project
SAP version : SAP R/3 version 4.6C
Role : SAP FM Consultant

Responsibility:

- Responsible for Fund Management processes
- Make sure and test budget in FM run as expected, example is transaction use in MM Module (PR/PO) can not save if it's exceeded budget.
- Mapping assignment of GL account with Commitment item, Fund center with Cost center that will be use in FM transaction.
- Configure and testing all non standard SAP program that related with budget is process without error
- Ensures that all design and prototype outputs, as well as any relevant input are well documented

5/2007 – 6/2007

Client : PT. Toyota Astra Motor
Project Scope : SAP R/3 Implementation Controlling Profitability Analysis (COPA) Project
SAP version : SAP R/3 version 4.6C
Role : SAP CO Consultant

Responsibility:

- Responsible for CO-PA processes
- Making characteristic derivation for use in CO-PA transaction
- Create hierarchy product for CO-PA Reporting purpose
- Make sure transaction related with CO-PA, such as sales, can assign to profitability segment
- Testing all Non Standard program e.g. Interface program that use for upload inventory / COGS data to SAP
- Ensures that all design and prototype outputs, as well as any relevant input are well documented

2/2007 – 5/2007

Client : PT. Pertamina (Persero)
Project Scope : SAP R/3 Data Migration Project
SAP version : SAP R/3 version 4.6C
Role : SAP CO Consultant

Responsibility:

- Responsible for CO, PS, IM processes
- Analyzing and test business process scenario based on SAP script use in CO, PS, IM module
- Conduct User Acceptance Test (UAT) and Integration Test
- Ensure no data variance in transaction and in master data before and after data migration
- Ensures that all design and prototype outputs, as well as any relevant input are well documented

Mar 2005 – Oct 2006

PT. Prima Sistem Terpadu (PST Consulting), Jakarta, Indonesia

Latest Position: SAP CO, ECCS Consultant

Project Assignment:

3/2005 - 9/2006

Client : Mulia Industry Group
Project Scope : SAP R/3 Implementation module FI/CO, MM, SD, PP for MyERP Project I and MyERP Project II
SAP version : SAP R/3 version 4.7
Role : 1. SAP Enterprise Controlling-Consolidation (ECCS) Consultant for MyERP Project I (Implementation Role)
2. Controlling (CO) Consultant for MyERP Project II (Supporting Role)

Responsibility:

Mulia Industry Project I (MyERP Project I):

- Responsible for Consolidation business process
- Configure global setting and master data ECCS for Mulia Industry Group
- Making configuration in Enterprise Controlling – Consolidation, such as Consolidation Group & Unit, FS Item in Cons Chart of Account, Define task & task group for Data Monitor and Consolidation Monitor, validation and reporting

Mulia Industry Project II (MyERP Project II):

- Support Controlling–Product Costing (CO-PC) module for Mulia Glass Project
- Testing relevance t-code related with Product Costing (Planning and Actual), such as Making Standard Cost Estimate, Create Costing Run, Closing Material Ledger

- Making integration test with Production Planning (PP) module that related with CO, such as Calculate planning rate, Actual cost for Production Order, calculate WIP and Variance, and Settlement Production Order
- Ensures that all design and prototype outputs, as well as any relevant input are well documented

Jul 2003 - Feb 2005

Drs. Sukrisno Agoes, MM and Partner Public Accounting Firm, Jakarta, Indonesia
Latest Position: Senior Auditor

Responsibility:

- Analyze client financial statement and internal control
- Making audit adjustment, tax reconciliation and deferred tax asset or liabilities based on GAAP/PSAK
- Preparing audit report

Sep 2004 – Feb 2005 Part Time Lecturer, Jakarta

As Part-time Lecturer in Management Audit and Auditing in Universitas Tarumanagara (August 2004 – January 2005), and Management Control System and Auditing in Universitas Indonusa Esa Unggul

Feb 2000 - Oct 2001

PT. Makro Indonesia, Medan, Indonesia
Latest Position: Leader Administration & Logistic Control

Responsibility:

- Control Administration, Barcode Data and Inventory;
- Audit compliance with SOP

Jun 1999 – Feb 2000

Hadibroto & Partner Public Accounting Firm, Medan, Indonesia
Latest Position: Auditor

Responsibility:

- Analyze financial statement
- Worked directly with client