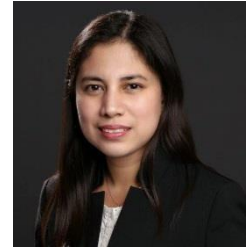


**DIANA LENE U SARMIENTO**  
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## SUMMARY

- Experience in engineering web/windows application development, all layers, from database to services to user interfaces.
- Strong understanding of data modelling, TSQL, stored procedures, performance tuning and optimization of database. • Strong experience in data integration, designing and implementing data warehouse
- Solution Analysts and technical expert in the area of Consumer Management System (CMS) and business intelligence (BI) interfaces.
- Analysis, development, implementation, and integration of large scale enterprise system.
- Highly adaptable in quickly changing technical environments with very strong organizational and analytical skills

## SKILLS

- Languages: ASP.Net, AJAX, VB.Net, C#, LINQ, TSQL, XML, ASP, HTML, Java/VB Scripting, V B6, JQuery, JSON,R,VBA Excel Macro, Python
- Frameworks: .Net 2.5, 3.5, 4.5, JQuery, MVC, Node.JS, Web Services API
- Databases: MS SQL Server 2005, 2008, 2012, 2016 (Stored Procedure, Functions, CLR, Triggers, SSIS, DTS, SSRS, SSAS), MySQL, Oracle, Mongo DB, MS Access, Sybase
- Cloud Services: Azure SQL Database, Azure Data Factory, DocumentDB, Azure Machine Learning, AWS
- Reporting Tools: Crystal Report, Power BI Desktop, Power BI Online, SQL Server Reporting Services, Tableau Desktop, Tableau Online
- Source Repository: SVN, GitHub, Team Foundation, Visual SourceSafe
- Software & Components: Visual Studio.Net, FrontPage, Red-Gate, MS Office, Microsoft Dynamic CRM\Navision, Toad, SQL Navigator, Kentico CMS, Telerik, Infragistics, SharePoint 2010/2013
- Server Tools: IIS6, IIS7, Window Services
- Operating System: Windows Server 2008-2012 64/32 bit, MAC OSX and Red Hut Linux

## WORKING EXPERIENCE

**Position** : **IT/Data Solutions Manager**  
**Company** : Ophir Manufacturing Solutions Pte. Ltd.  
**Period** : May 2017 to Present

### Job Duties / Achievements:

- Architected and developed data warehouse for master data, passengers information, forecast, manufacturing and logistics information to support reporting tool needed by the client.

- Developed in-house ETL tool to have API integration with external parties. Automated import and export of files such as JSON, XML, CSV, TXT and Excel files.
- Develop dashboard reporting using Tableau Desktop and Tableau Online for booking statistics, demand forecast, supply outlook, inventory aging, manufacturing and shipments.
- Designed and lead the development of web application to provide flexibility in reporting and application using desktop and mobile.
- Manage overall internal IT which includes administration of the hosted server, databases, DNS, SSL, FTPS, Office 365, SharePoint online, One Drive, Skype for Business and Symantec Endpoint Protection Small Business.

#### **Selected Projects:**

##### **Project: Datawarehouse, API and Custom ETL**

**Description:** Architected and developed data warehouse solution for passenger information, demand forecast, statistics, manufacturing, shipments and inventory. Developed ETL and API solution to integrate with multiple parties from manufacturing supplier and logistics warehouse management system. Developed job that will automatically generate excel summary data and share thru email.

**Tools:** MySQL, C#, Visual Studio 2015, Net Framework 4.5, FTPS, JSON, XML, CSV, TXT

##### **Project: Tableau Online Reporting (Forecasting, Warehouse, Manufacturing, Inventory, Historical)**

**Description:** Developed worksheets and dashboard online reporting for forecasting, manufacturing, inventory aging, passenger statistics and shipment orders.

**Tools:** MySQL, Tableau Online, Tableau Desktop, Tableau Mobile

##### **Project: Web Application for Desktop/Mobile**

**Description:** Architected and lead the development of the web application that can be use for both desktop and mobile. Created pages and modules that shows graphical dashboard view of inventory and manufacturing data. Implemented export and import of the data in excel using the web portal.

**Tools:** MySQL, C#, .Net Framework 4.5, ASP.net MVC, C#, Javascript

##### **Project: Document Control System (Engineering Change Request & Order)**

**Description:** Helped the customization of the software CentraCRM to implement modules, forms, reports and approval process for the engineering change request and engineering change order.

**Tools:** SQL Server 2016, CentraCRM, ASP.net MVC, C#

##### **Project: Office 365 Email Migration from Gmail Suite**

**Description:** Implemented Office 365 cloud solution to support multiple offices in China and Singapore. Planned and migrated emails and files from Gmail Suite to Office 365. Implemented SharePoint site to support the business needs for the files and sharing to the stakeholders.

**Tools:** Office 365 Administration, SharePoint Online, OneDrive Integration

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<b>Position</b>	<b>:</b>	<b>Project Systems Specialis</b>
<b>Company</b>	<b>:</b>	NauticAWT Energy Solutions
<b>Period</b>	<b>:</b>	November 2016 to May 2017

#### **Job Duties / Achievements:**

- Collate project reporting information and work collaboratively with IT, Project Engineers, Cost Controllers, Finance and HR
- Provide recommendations for project system optimization
- Develop process improvements in project data warehouse methodology, systems and processes
- Manage project databases and report visualization using Tableau Desktop
- Dynamic Navision data query and Tableau interface management
- Develop mobile reporting using Power BI
- Project management of new systems implementations

- Develop excel VBA macro programs to help the team in working with MS office excel
- Analysis and implementation using Azure cloud services for data hub and integration (IaaS, PaaS, SaaS)

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**Position** : **Application Architect\Senior Software Developer**  
**Company** : Estee Lauder Companies Singapore  
**Period** : April 2010 to 2011 – Consultant Under Allegis TekSystems  
 : April 2011 to August 2016 – Employee as Application Architect

#### **Job Duties / Achievements:**

- Collaborate with cross functional team members on assessing functional requirements and technical viability.
- Act as a primary point of contact for development strategy, architecture, and governance • Assist in the planning of all phases of systems development for medium and complex projects.
- Plays key role in governing the quality of the application development by vendors/partners.
- Key coordinator for APAC for any web application risk mitigation analysis or testing.
- Responsible for Code review and unit testing. Write test plan and unit test documentation for the developed task
- Responsible for the accuracy and completeness of technical specifications.
- Work closely with the Solution Architects, Enterprise Architects and Technical teams, collaborating on solution infrastructure and design for area of responsibility.
- Effectively prioritizing deliverables and taking ownership of development activities.
- Assist in the resolution of urgent issues consumer data integration of affiliates in APAC and EMEA

#### **Selected Projects:**

##### **Project: Beauty Advisor Commissioning Systems (Calculations, Website)**

**Users Location:** Singapore, Vietnam, Hong Kong

**Description:** Designed regional solution, developed and maintain the calculation logic such as commission, bonus incentives, product commission and service incentives of the beauty advisors and counter managers performing in the stores. Designed and architected the web application portal for managing the sales target and monitoring sales performance. Help to integrate the sales, stores and employee information from the Retail Point of Sales. **Tools:** SQL Server 2012 (Stored Procedures, Functions), ASP.Net MVC 4.5, Web API, C#

##### **Project: CRM Business Intelligence (Data warehouse, ETL, Statistics, Calculations)**

**Users Location:** APAC, EMEA

**Description:** Designed, developed and maintained the data integration for consumers, transactions, stores, products and employee information from Retail and Online. Built a script logic to do consumer merging across channels such as online and retail to perform Single Consumer View. Developed and maintained calculation logic for the capture rate, customer recency segments, value groups and statistics for dashboard reporting. **Tools:** SQL Server 2012 (Stored Procedures, Functions), C#, .Net Framework 4.5, SSIS, DTS

##### **Project: CRM Operational (Data warehouse, ETL, Single Consumer View Merging, Calculations) Users**

**Location:** Japan

**Description:** Designed, developed and maintained the data integration for consumers, transactions, stores, products and employee information from Retail and Online. Developed the Single Consumer View processing of the data to produce best record customer view. Created the interface to generate best records of customer's information to share to the BI reporting and clientteling.

**Tools:** SQL Server 2012 (Stored Procedures, Functions), XML, C#, .Net Framework 4.5, SSIS, SSRS, SSAS, SharePoint 2010/2013

##### **Project: Retail Pro Data Extraction (Customer, Transactions, Inventory, Loyalty)**

**Users Location:** APAC

**Description:** Designed, developed and maintained extraction\integration packages using SSIS\C# to generate customer, transactions, loyalty data to share to the subscribers (internal application, external vendors). **Tools:** SQL Server 2012 (Stored Procedures, Functions), SSIS, C#, .Net Framework 4.5

**Project: Intranet – Content Management System**

**Users Location:** Singapore, Vietnam, Philippines

**Description:** Designed, developed custom components and maintain the Intranet content using the Kentico CMS software.

**Tools:** SQL Server 2012 (Stored Procedures, Functions), Kentico CMS, CSS, HTML, ASP.Net, C#, .Net Framework 4.5

**Project: Convert Queries to Reports**

**Users Location:** USA

**Description:** The ORACLE SQL queries used by the end-users have been converted into simple Crystal Reports. These new reports were made available through the existing VB6 front-end currently accessible through the Retail Stores JTI Client web page. These queries contain date ranges, store numbers, vendor names, etc... These values are converted to parameters in the created Crystal Report for the users to set before executing the report.

**Tools:** Seagate Crystal Reports 8.5, Oracle Database, Toad and SQL Navigator

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<b>Position</b>	<b>:</b>	<b>Senior Software Engineer</b>
<b>Company</b>	<b>:</b>	Integrated Health Information Systems (IHIS)
<b>Period</b>	<b>:</b>	January 2010 to March 2010

**Job Duties / Achievements:**

- Gather end-users' business requirements and translate them into CRM Application functions with perform gap analysis design to complete the clients' business requirements.
- Create and develop Microsoft Dynamics CRM Custom parts (workflow, data migration, email integration, new web forms, sitemap, ISV functions) to plug in into out-of-the box of MS CRM Solution.
- Customized MS CRM 4.0 by using MS CRM SDK tool with .NET 2.0, .NET 3.5, VB, C#, Jscript, Telerik components.
- Integrated other web application with MS CRM by using IFrame and MS CRM Web Services.

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<b>Position</b>	<b>:</b>	<b>Senior Software Developer/Team Leader</b>
<b>Company</b>	<b>:</b>	Calcmenu Philippines Inc. / Enggist & Grandjean Software SA
<b>Period</b>	<b>:</b>	Mar 2004 to December 2009

**Job Duties / Achievements:**

- Develop computer software, either programs designed for specific clients or packaged software for general use.
- Update, repair, modify, and expand existing programs.
- Help conceive, design, and analyze program modules and database table structures based on user requirements and needs.
- Leads the team in identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.
- Ensure a good level of teamwork, highlighting issues in good time and proactively suggesting solutions to resolve problems.
- Effectively prioritizing deliverables and taking ownership of development activities.
- Maintain knowledge of current development tools and programming standards.
- Write a documentation of programs developed in conjunction with the System Analyst or the Technical Writer.

- Assist Technical Support Team whenever problems in connection to her assigned tasks arise.
- Supervise and mentor Junior Programmers and Software Testers.

#### **Selected Projects:**

##### **Project: Recipenet Web – Unilever Food Solutions Global**

**Description:** An intranet web-based recipe management system developed for Unilever Food Solutions and use globally for standardizing products, recipes, and menus. The web application contains nutrient analysis, GDA, RDA, food costing. Manage products and recipes for publishing in the internet for customers worldwide.

**Clients:** Unilever Hamburg Germany (Head office), Unilever (Global)

**Tools:** ASP.Net, VS 2003, VS2008, AJAX, JQuery, JSON, Java scripting, Crystal Report.Net, XML/XSLT, Window services and SQL Server 2000/2005(Stored Procedures, Functions, Triggers).

##### **Project: Calcmenu Web**

**Description:** A web-based recipe management system developed for foodservice industries in managing and standardizing merchandise, recipes, and menus. A recipe content provider that publishes recipes on the Internet, Manage multiple restaurant branches across the country or across the world. It features multiple language translation of merchandise, recipes, or menus, multiple currencies, and multiple sets of price that are very useful in managing a centralized recipe and menu databases from different countries or different outlets with varying languages, currencies, and prices.

**Clients:** SV Service Schweiz, Migros (Global), Moevenpick Hotels (Global) ,Manor Switzerland, Alain Ducasse Formation, Les Roches Bluche, School of Luzern, Le Patron, HACO, Sonnenhoff

**Tools:** ASP.Net, VB.Net, C#, AJAX, .Net Framework 2.0/3.5, Web Service, Window service, SQL Server 2005 (Stored Procedures, Functions, Triggers, CLR) and Dev Express reporting tool.

##### **Project: F&B Control (Foodservice and Backoffice Solution)**

**Description:** A complete back office software system specifically designed for the foodservice and hospitality industry for multiple network systems. Foodservice software system for controlling food costs, monitoring inventories, and managing back-office operations.

**Clients:** WGA, SV Service, Hotels and Restaurants in Switzerland, France and Italy

**Tools:** Visual Basic 6, .Net, Web Service, Crystal Report 8.5 and SQL Server 2000(Stored Procedures, Functions, Triggers). Scanpal 2 Inventory taking device

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<b>Position</b>	<b>:</b>	<b>Junior Programmer</b>
<b>Company</b>	<b>:</b>	Tan and Ong Associate
<b>Period</b>	<b>:</b>	Jun 2002 to Jan 2004

#### **Job Duties / Achievements:**

- Participate in consulting services projects performing tasks for coding programs, installation, implementation, training and support of the packaged software solutions developed by Smart Data.
- Developed windows application from analysis to designing user interface using Visual Basic 6, Infragistics Components, SQL Server 2000, Sybase and Crystal Report 8.5

## **EDUCATION AND PROFESSIONAL QUALIFICATION**

**Highest Academic Qualification:** Bachelor's Degree

#### **1998 - 2002, City College of Manila**

Bachelor of Science in Computer Science

#### **Certification:**

**Project Management Professional (PMP)® - #2769059**

[Microsoft Certified Professional – License F957-6388 Scrum](#)

[Developer Certified \(SDC\) – License 551254 Scrum](#)

[Fundamentals Certified \(SFC\) – License 103299](#)

[Microsoft Certified Technology Specialist - SQL Server 2005 Implementation and Maintenance – License C535-3722](#)

**Exams Passed:**

762: Developing SQL Databases

70-431 TS: Microsoft® SQL Server™ 2005 - Implementation and Maintenance

70-528 TS: Microsoft® .Net Framework 2.0 - Web-Based Client Development

**Completed Courses:**

[Microsoft Professional Program Data Science](#)

[Microsoft AZURE207x: Databases in Azure](#)

[Microsoft DAT203.2x: Principles of Machine Learning](#)

[Microsoft DAT203.1x: Data Science Essentials](#)

[Microsoft DAT102x: Data Science Professional Project](#)

[Microsoft DAT207x: Analyzing and Visualizing Data with Power BI](#)

[Microsoft DAT209x: Programming in R for Data Science](#)

Implementing Data Warehouse with Microsoft SQL Server 2012 – 10777

Implementing Data Models and Reports with Microsoft SQL Server 2012 – 10778 MongoDB

for Node.js Developers – M101JS