SUPRIYO BAG

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SENIOR LEVEL PROFESSIONAL IN APPLICATION Management | Software Development | Data Engineering

Extensive experience in managing application built on Oracle Database & Oracle Fusion Middleware Technology Stack & building ODS & DATALAKE on Microsoft Azure Platform.

PROFESSIONAL SUMMARY

Application Management	Application Development/Enhancement	Software Testing
Data Engineering		
Requirement Gathering	Implementation	Quality Assurance
Analysis / Design	Troubleshooting	Process Improvement
Technical Support	Change Management	Stack Holder Management

- A computer professional with more than 22 (Twenty-Two) years of experience in ICT industry with specialization in *Data Engineering, Application Architecture & Database Design, extensive Database Programming (in Oracle PLSQL), Database Performance Tuning (In Oracle),* **Middleware Programming (in Oracle Forms/Reports).**
- Entire part of my career has been involved in application design & implementation using Oracle database & associated development technologies including strong knowledge and **extensive working experience in Oracle PLSQL using database Procedures, Packages, Functions for business-logic implementation and database Triggers for event-driven programming (for business transactions)**. Having significant experience in using advanced **PLSQL programming techniques like Pipeline Functions, Dynamic PLSQL & Dynamic Cursor usage.**
- **Extensive hands-on experience in Azure Data Factory (ETL Tool), Azure Synapse Analytic Database for developing various data marts & dashboards.**
- Comprehensive experience in **managing projects and new systems implementations** for streamlining operations within time and cost parameters as per organizations' quality standards
- Skilled in functional analysis, mapping of requirements to design, database design and preparation of functional specifications
- Experience in all phases of **Software Development Life Cycle (SDLC)** entailing requirement analysis, design, development, implementation, delivery, and troubleshooting.
- A keen communicator with honed interpersonal, problem solving and analytical abilities.
- *Presently working as GM- Business Intelligence in a large NBFC in India.*
- *In-depth functional knowledge of Banking/NBFC industry.*
- *In-depth knowledge of FinOne Neo System [CAS & LMS- backend dataset.]*
- *In-depth knowledge of CRM System [Leadsquared] system.*

CURRENT ROLE

For the last three years, I'm working as a senior data engineer on Microsoft Azure Platform

- Ownership of ODS built on Microsoft Azure Platform using Data Factory & Synapse Analytic Database.
- Designing various pipelines in Azure Data Factory (ETL Tool).
- Developing various stored procedure/Function in Azure Synapse DB.
- Designing & populating various data mart in Azure Data Lake.
- Designing various schemas/Objects in Synapse database.
- Reviewing of Codes & technical design of various component in Azure.
- Ownership of various integration between Azure Synapse DB and other application like POS / POC / PosiDex (Dedupe engine) / Experian /CIBIL / Microsoft CRM in cloud/ Ckyc .
- Ownership of MDM in ODS
- Ownership to mitigate all VAPT findings of the ODS platform.
- Managing the technical team of developers.
- Requirement of new technical resource.
- Coordinating with all stack holder for smooth functioning of ODS.
- Playing a key role in ongoing development in ODS.

- Single point of contact for any technical requirement for ODS.
- Resolving all audit point related to ODS.
- Ownership of DR-Drill activity of ODS.

Achievements in various application platform migration projects in the current company

Played a key role in successful platform migration of core application from planning, resolving technical glitches, coordinating with all stack holder for final migration & post migration support.

- Migration of oracle10g DB (single instance) into Oracle 11g on Oracle ExaData RAC environment.
- Migration of middleware layer from oracle 10gAS to oracle WebLogic server 11g&12c.
- Migration of front-end application from oracle 10g to 12c.
- Migration of oracle11g DB into Oracle 12c on Oracle ExaCM RAC environment.

TECHNICAL SKILLS

Operating System: Linux, Unix, Microsoft Windows

Programming Languages: SQL, PL/SQL, Java, JavaScript, HTML5, Linux Shell Script. T-SQL

Database (SQL): Oracle 12c/11g/10g,

Database Programming: Oracle PLSQL, Database Procedure, Package, Function & Trigger, Dynamic PLSQL including Dynamic Cursor, performance tuning.
Microsoft Azure Synapse Database, T-SQL, Database Procedure, Function.

ETL Tool : **Microsoft Azure- Data Factory.**

Application Servers Admin: Oracle WebLogic Server.

Development Tools / IDE: Microsoft SSMS**,** TOAD**,** Oracle SQL Developer, Eclipse.

FUNCTIONAL DOMAIN / BUSINESS PROCESS SKILL

- **BFSI (Banking, Financial Services & Insurance) -- LOS/LMS/GL/Securitization/Asset Repossession /Legal/Insurance/Banking/Asset Valuation etc**.
- Pharmaceutical Manufacturing –Raw material purchase, Inventory for Raw material / Finished goods, Manufacturing Quality control, Sales Order management, Marketing and Payroll.
- Library Management System -- Acquisition, Accession, Cataloging, Circulation, Binding, MIS.

CORE COMPETENCIES

- Suggesting technology-based solutions for enhancing functional efficiency and achieving business excellence for the Application.
- Reviewing functional requirements and converting them into technical specifications.
- Managing enchantment projects involving resource planning, team building and delivery in the stipulated time.
- Handling all phases of the project life cycle inclusive of scoping, development, integration, deployment, testing, maintenance, and production support.
- Monitoring multiple in-house projects from conceptualization and visualization to technology mapping and final execution.
- Ensuring timely completion & delivery of project to the internal client and extending production support of multiple applications.
- Accountable for resource allocations and setting up of the communication channels across various horizons of the organization structure.
- Planning, executing, monitoring and reintegration, coding, application maintenance and so on.

EMPLOYMENT DETAILS

Organisation	Last Designation	Duration
Poonawalla Fincorp Limited	GM, **Business Intelligence**	16/05/2011 Onwards
Stadmed Pvt. Ltd.	Manager (DBA)	02/01/2002 to 15/05/2011
Cybernet Infotech Private Ltd	Development Executive	17/02/1998 to 31/08/2001

EDUCATION

- BSc. From Calcutta University, Kolkata, West Bengal, India. Year of Passing-1991
- Advance Diploma in Software Technology & System Management from NIIT, Kolkata, India.

PERSONAL DETAILS

Date of Birth:	14th November 1970
Permanent Address:	125 B/2 S. N. Roy Road, Kolkata -700038, WB
Languages Known:	Hindi, Bengali & English