



PRAGASH J

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Azure Data Engineer/Data Architect
Microsoft Certified Professional

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- Microsoft Certified Azure Data Engineer, Azure Fundamentals with vast analytical capabilities and 11+ years rich experience in Data Analytics, Data Engineering, Business Intelligence, ETL/ELT.
- Azure Data Engineer with expertise integrating, transforming, and consolidating data from various structured and unstructured data systems into structures that are suitable for building analytics solutions
- Excellent in understanding the data through exploration, building and maintaining secure and compliant data processing pipelines by using different tools and techniques; used various Azure data services and languages to store and produce cleansed and enhanced datasets for analysis
- Azure Data Factory Specialist with strong SSIS background and skilled in ensuring that data pipelines and data stores are high-performing, efficient, organized, and reliable, given a specific set of business requirements and constraints; dealt with unanticipated issues swiftly and minimizes data loss; designed, implemented, monitored, and optimized data platforms to meet the data pipeline needs
- Well versed with Azure Data factory, Azure Databricks, Azure Data Lake, Azure Synapse, Azure Data warehousing, Project Management, Data Modelling, ETL/ELT, SSIS, SSAS, ORACLE 11G, TSQL and PLSQL
- Experience in formulating IT strategies to improve competitive positions & business performance and achieve better business results by developing a vision and executable roadmaps that align technology and business
- Participated in various phases of Project Management Life Cycle and SDLC right from requirement analysis, effort estimation, coding & testing (preparation of test cases along with implementation) for maintaining the quality of proposed applications

Technical Skills

ETL Tool	SSIS, Azure Data factory(ADF)
Analytics Service	Azure Synapse Analytics
Cloud Storage	Azure Data Lake
Database	MS SQL Server, Oracle 11g
MDM Tool	Microsoft Master Data Services, Data Quality Services
Programming	T-SQL, PL-SQL, Python
Deployment Tools	STARTEAM, TFS, SSDT, SVN
Banking Product	Intellect Core Banking Suite, Temenos(t24)
Experience	
Data Quality Tool	Microsoft DQS

Key Impact Areas

Azure Data Factory

Azure Data Analytics solutions

Data Architecture Design

Data Analysis & Data Modeling

ETL/ELT

Azure Synapse Analytics

Project Management

Soft Skills

Decision-maker

Problem-solver

Facilitator

Collaborator

Education & Credentials

- **Bachelor of Engineering (Electronics & Communication)** from Mepco Schlenk Engineering College, with 73.3 % in 2009



Career Timeline



Dec'09-Dec'13

Mar'14 -APR'21



Professional Experience

Since Oct 22 till date with HTC global services as a Technical architect

Since Jul'19 with CTS as a Senior Associate(Technical Lead)

Mar'14-Jun'19 with CTS as an Associate

Dec'09-Dec'13 with CSC (Computer Sciences Corporation)

Growth Path:

Dec'09-Jun'11: Associate-Software Engineer

Jul'11-Dec'13: Software Engineer

PROFESSIONAL ENHANCEMENTS

- Azure Data Engineer Associate
- Microsoft Azure Fundamentals
- Databricks Lakehouse Fundamentals

Key Result Areas

- Instrumental in Business Intelligence Solutions, Data Analytics, Reporting, Data Engineering, Big Data and Azure Cloud Computing technologies. Worked closely with customers, top management, users, and teams to Implement, support and deliver. End-to-End
- Clear understanding of core cloud concepts with Strong experience in Azure Data Factory ,Azure Databricks,Azure Data lake and Azure Synapse
- Implementations of many database and BI projects and ETL/ELT solutions starting from requirements gathering, technical design,
- Strong knowledge of Software Development Life Cycle (SDLC), having thorough understanding of various phases like Requirements,
- Analysis/Design, Development and Testing Strong knowledge on database designing, experience and knowledge of Data Mapping &
- Data Modelling to support ETL process including Data Cleansing, and Data Quality.
- Focused on building Problem Solving Solutions for Businesses using various Automation techniques, Data Analytics, Visualizations, Microsoft Azure Platform. Deep understanding and implementation of various Project phases including Problem identification/definition, Effort estimation, Problem diagnosis, Developing solution, Design and Deployment.
- Creation of detailed Requirement Specification Documents from Business Requirements and Problems. Interacting with Stakeholders,Users, and Clients to take continuous feedback and understanding their pain points and requirements.
- Good Analytical, Quantitative, Logical and Problem-solving skills to deliver meaningful and practical solutions to Business problems.



Projects Undertaken

Client:	First Abu Dhabi Bank (FAB), Abu Dhabi, UAE
Project Domain	IRES MANAGER - Reporting Banking
Duration	Dec 2019 –Apr2021
Technology	Azure Data factory, Azure Databricks,Unity catalog, Azure Synapse, Azure Data warehousing, ORACLE 11G, TSQl and PLSQL

Responsibilities:

- Head ELT, BI requirements and design. Skilled in development and maintenance of enterprise reusable framework.

- Collaborated with functional experts and business users to develop architectural requirements to ensure client satisfaction with solution.
- Leads data and BI workstream full life cycle. Involves in data migration approach, design and solutioning and ETL data modelling / pipelines for the Azure Data Factory.
- Responsible for end-to-end of data work stream activities.
- Designing and delivering Azure Data Analytics solutions. Responsible for Requirements Analysis and Solution Architecture Design. Involving in data modelling, data architecture design, ETL, data integration and data migration design.
- Efficient in master data management system and process design and implementation. Data quality system and process design. Responsible for analysis of requirements, production of specifications and documentation of solutions.
- Worked within a project management/agile delivery methodology in a leading role as part of a wider team. Deal with other stakeholders/ end users in the software development lifecycle.
- Using strategic thinking, consider the art of the possible, compare various options based on feasibility and impact, propose actionable plans and roadmaps that balance tactical and strategic needs.

Client: First Abu Dhabi Bank (FAB), Abu Dhabi, UAE
Project2 Data Migration
Domain Banking
Duration July 2017 –Dec 2019
Project Summary Data Migration, Merger of UAE's Leading Banks **National Bank Of Abu Dhabi** and **First Gulf Bank**.
Technology SSIS,T-SQL, PL-SQL, Intellect Core Banking, T24 - Temninos

Responsibilities:

- Coordinated with ETL team to implement all ETL procedures for all new projects and maintain effective awareness of all production activities according to required standards and provide support to all existing applications.
- Collaborated with Metadata Manager and perform tests and provide update to all ETL activities within schedule and provide support to all large data volumes and assist in data processing.
- Documented all technical and system specifications documents for all ETL processes and perform unit tests on all processes and prepare required programs and scripts.
- Analyzed and interpreted all complex data on all target systems and analyze and provide resolutions to all data issues and coordinate with data analyst to validate all requirements, perform interviews with all users and developers.
- Performed tests and validate all data flows and prepare all ETL processes according to business requirements and incorporate all business requirements into all design specifications.
- Developed all data warehouse models and prepare reports for all meta data integration into systems and draft all ETL scripts and prepare required reports for all end users. Developed and performed tests on all ETL codes for system data and analyze all data and design all data mapping techniques for all data models in systems.

Client: ACE Insurance
Project2 MNLR(ACE Insured),MNLR_REWRITE
Domain Banking
Duration Mar 2014 –Jun 2017
Technology SSIS,T-SQL, PL-SQL, Intellect Core Banking, T24 - Temninos
Role Senior ETL Module Lead

Responsibilities:

- Debugging complex Stored Procedures and Issue Fixing, handling various Development activities in SQL Server.
- Tuned SP and improvised ETL Loading process which saved around 12 hours.
- Performed DBA activities like backup database, restoring and monitoring SQL server instance during ETL Process
- Experience in providing Logging, Error handling by using Event Handler, and Custom Logging for SSIS Packages.
- Performed and fine-tuned Stored Procedures and SQL Queries and User Defined Functions.

Client: Ebay
Project2 Ebay – Client (E-Catalog)
Domain Ecommerce
Duration Dec 2009 –Dec 2013
Technology SSIS,T-SQL, PL-SQL, Intellect Core Banking, T24 - Temninos
Role ETL/Datawarehouse Developer

Project: **Ebay – Client (E-Catalog)**
Technology: SQL Server 2000/2008, SSIS
Software: Oracle 9i, SQL Server 2000/2008, SSAS
Role: Senior

Responsibilities:

- Designed various mappings for extracting data from various sources involving flat files and relational tables
- Various kinds of the transformations were used to implement simple and complex business logic. Used debugger to test the mapping
- Used Designer to create source definitions, design targets, create mapping and develop transformations
- Extract data from different source Databases, transform the data using ETL then load to Data warehouse
- Worked on the data warehouse design and analyzed various approaches for maintaining different dimensions and facts in the process of building a data warehousing application
- Designed source definitions, design targets, mapping and develop transformations to extract, transfer, load (ETL) existing data into SQL Server for the **SSAS** cubes
- Designed Star Schema and Snow flaked schema in the process of data modeling
- Involved in Analyzing, designing & building & testing of OLAP cubes with SSAS 2008 and in adding calculations using MDX



Personal Details

Date of Birth: 25th November 1986
Languages Known: English and Tamil
Address: Electra Street, Abu Dhabi, UAE