**Prashant Jais**

**Cloud Big Data Architect / Team Lead**

**Contact Information:**

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**Professional Summary:**

Lead the Data Warehouse team in successful delivery of business-driven projects, provide strategic direction for the data warehouse and determine appropriate data integration strategies

Maintain architectural integrity of an enterprise data warehouse and manage feeds to it and the subsequent marts and applications, help define data backup, archiving and purging strategies.

Experienced in creating physical / conceptual data models after collaborating with all the stakeholders and optimizing the models for loads and reporting.

Experienced in breaking down complex architectures into manageable phases and cultivating a collaborative environment.

Utilize technical knowledge in areas of data, infrastructure and application architectures and work with other architects and developers to evolve and promote data standards.

Results-driven professional with a robust background in data warehousing, skilled in building and optimizing data pipeline for improved business intelligence for Big Data.

Proven record for migrating data warehouse and data pipelines to new technologies.

Strong team player with excellent communication skills and technical knowledge.

Skilled at handling multiple tasks, producing high-quality work products under pressure and within deadlines.

**Technical Skills:**

* **Data Warehouse Architecture:** AWS Redshift, Postgres, Sybase ASE, Sybase IQ, Netezza, Snowflake, Hadoop, TSQL, ODI, Data Lake, EC2, S3, EMR, TALEND, AirFlow, Spark, Scala, Unix scripting, Python
* **Data Modeling:** Power Designer, Star and Snowflake methodologies
* **Development Methodologies:** Waterfall, SCRUM, Agile
* **Database Management:** MS SQL Server, Analysis Services Cube design and administration
* **Programming Languages:** Spark, Scala, Stored Procedures, Triggers, TSQL, Python, C, Visual Basic
* **Other Skills:** Performance tuning, E2E data pipeline development, data integration, leadership, Cost management, Zeppelin

**Professional Experience:**

**Senior Warehouse Architect / Tech Lead / Data Modeling**Nielsen Media Research, Oldsmar, FL  
*2001 - Present*

* Create physical / conceptual data models after collaborating with all the stakeholders and optimizing the models for loads and reporting.
* Leading the warehouse team to develop and implement E2E Data pipeline (Talend, Unix scripting, S3, EC2, EMR, Spark, Scala, Data Lake).
* Guide the team in optimizing and tuning warehouse databases for improved performance.
* Utilized DMS tools, federated queries, and external schemas to improve ETL flow.
* Worked with teams to fine tune the models for optimization for loading and reporting
* Trained and mentored developers on best practices.
* Installed, setup servers, optimized and monitored environments
* Created data marts for analytical tools like MS Analytical Services and MicroStrategy.
* Designed and implemented disaster recovery strategies and data backup/ archiving/ purging strategies.
* Migrated data warehouses to newer platforms (Sybase IQ to Netezza, Netezza to AWS Cloud).

Data Wrehouse Size - > 2 PB

Number of tables - > 1000 tables

Daily loads - > 1 billion rows

**System Analyst / Developer / DBA**MasTech Corporation, Various Locations  
*1994 - 2001*

* Developed and implemented software solutions for clients in various industries.
* Designed and maintained database systems for optimal performance.
* Wrote stored procedures and triggers.
* Optimized existing systems for better functionality and user experience.
* Identified and resolved technical issues to minimize system downtime.
* Technology used: PowerBuilder, C, Shell script, Unix, Sybase, PowerBuilder, Paradox, Power-Designer.

**SYSTEM ANALYST**Citibank N.A, Manama, Bahrain  
*1989 - 1994*

* Worked as a system analyst to gather requirements, design, develop, implement, and manage various financial products.
* Developed and maintained custom software solutions.
* Collaborated with cross-functional teams to analyze and resolve technical issues.
* Technology used: C, COBOL, Visual Basic, DDE (Dynamic Data Exchange), Oracle, SQLPlus, MainFrame.

**Education:**

**Bachelor of Engineering in Instrumentation & Control**College of Engineering, Pune, India

**Courses Completed:**

* AWS Architecting
* AWS Compute
* AWS EMR
* AWS Glue
* Building Streaming Data Analytics Solutions on AWS
* TOGAF