

# PAIDIKALVA VASUDEVA

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LinkedIn

## PROFESSIONAL SUMMARY

Results-driven MS SQL Developer & SQL Data Migration Engineer with 3 years of experience in database development, performance optimization & end-to-end data migration with strong focus on data extraction from source, transformations & loading into target system. Skilled in SQL Server, T-SQL, crafting optimized SQL queries with joins, subqueries, window functions, CTEs, temp tables, and table variables. Expertise in query tuning, execution plan analysis, and indexing strategies to improve system performance. Adaptive to data mapping, cleansing, validation, reconciliation, and pre or post migration audit scripting to ensure complete and accurate migration with minimal business impact.

## EDUCATION

**Bachelor of Technology (B.Tech) in Electronics & Communication Engineering**, Jawaharlal Nehru Technological University, Anantapur, A.P. **2010- 2014**

Aggregate Percentage: 72% AP, India

**Higher Secondary Certificate (HSC) in Mathematics, Physics & Chemistry**, Board of Intermediate Education, A.P. **2008 - 2010**

Aggregate Percentage: 85% AP, India

**Secondary School Certificate (SSC)**, Board of Secondary Education, A.P. **2007 - 2008**

Aggregate Percentage: 83% AP, India

## SKILLS

**Database & Tools** SQL Server 2012/2016, SSMS, Windows 10

**SQL Development** T-SQL, Stored Procedures, Views, CTEs, Temp Tables, Functions

**Optimization** Execution Plans, Indexing, Query Tuning, Partitioning

**Automation** Dynamic SQL, Triggers

**Transaction Management** DDL, DML, DCL, TCL

## PROFESSIONAL EXPERIENCE

**Emtech Solutions Private Limited | MS SQL Developer**

**February 2025 - February 2026**

- Designed, developed, including T-SQL programming, stored procedures, triggers, table variables, user-defined functions, views, indexes, common table expressions (CTEs), temporary tables, optimized complex SQL queries, improving query execution time and ensuring high database performance.
- Conducted index optimization, partitioning, and execution plan analysis to reduce query response time.
- Created dynamic SQL solutions for flexible and efficient data handling.
- Ensured robust transaction management using DDL, DML, DCL, and TCL operations.
- Delivered scalable solutions by designing indexed views, clustered/non-clustered indexes, and optimizing CTEs.

**Craft Silicon Private Limited | SQL Data Migration Engineer**

**February 2023 - February 2025**

- Led SQL-based data migration projects with zero downtime for financial institutions, ensuring seamless system transitions.
- Designed and executed data mapping, transformation, and bulk data processing using T-SQL and batch operations.
- Developed automated validation scripts to ensure data integrity across environments.
- Generated pre and post-migration validation reports to reconcile source and target databases.
- Partnered with stakeholders to define migration rules, identify discrepancies, and deliver clean datasets.
- Provided post-migration support and performance optimization for improved system stability.

## PROJECTS

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### 1. Lanier Parking Management System

Client : Lanier Parking Solutions, USA

Domain : Parking & Transportation

Role: MS SQL Developer

Environment: T-SQL, SQL Server 2008R2/2012/2014/2016/2019

- Processed and transformed large datasets for operational reporting and insights.
- Optimized queries and automated business logic through stored procedures and triggers
- Conducted unit testing and debugging to ensure data accuracy and integrity.
- Built dynamic SQL-based solutions for real-time data transformations.
- Collaborated with QA and dev teams for seamless deployment and testing cycles.

### 2. Data Migration

Clients : Maximal Finance, Belstar MicroFinance & Paft Finance

Role: SQL Data Migration Engineer

- Orchestrated end-to-end data migration from legacy systems to SQL Server
- Developed custom SQL scripts for pre-validation, transformation, and reconciliation.
- Generated post-validation reports comparing source and target database records, ensuring data consistency and resolving discrepancies.
- Ensured compliance with business rules through stakeholder collaboration on mapping definitions
- Implemented checksum validation, row count comparisons, and exception tracking for quality assurance.

## LANGUAGES

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**Telugu** – Native Proficiency

**Hindi** – Professional Working Proficiency

**English** – Professional Working Proficiency

## HOBBIES & INTERESTS

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- Enjoy spending quality time with family and engaging in meaningful conversations that foster connection and balance.
- Passionate about self-improvement through reading and watching motivational content that promotes a positive mindset and resilience.
- Appreciate exploring new places, visiting temples, and taking evening walks, which contribute to physical wellness, mindfulness, and creativity.
- Value downtime and reflection through casual social interactions and personal development activities that support a balanced lifestyle.

## DIVERSITY & INCLUSION

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**Disability Status** – Do not have disability

**Military Experience** – Never served

**Career break** – Have not taken

## VOLUNTEERING & COMMUNITYS ENGAGEMENT

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- Knowledge Sharing & Mentoring: Conducted SQL training sessions for friends on query optimization and best practices.
- Community Engagement: Active member of SQL Server Telegram channels, LinkedIn groups & staying updated on industry trends.
- Sports & Fitness: Enthusiastic about shuttlecock and fitness activities, promoting teamwork and discipline.