

# Praveen Megarajan

SOFTWARE ENGINEER | SQL DEVELOPER

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## PROFILE

Detail-oriented and results-driven SQL Developer with over 3 years of experience in designing, developing, and maintaining scalable database solutions. Adept at using SQL Server, low-code platforms (iProof), and API integrations to deliver robust systems for academic and administrative operations. Proven expertise in ERP implementations, workflow automation, and data migration for top-tier institutions. Known for delivering clean, secure, and optimized database processes that improve operational efficiency and user.

## CORE COMPETENCIES

### Technical Proficiency

#### Databases:

MS SQL Server, Oracle (PL/SQL)

#### Programming:

MS SQL, PL/SQL, JavaScript

#### Tools & Platforms:

SSMS, SQL Developer, MS Office, iProof

### Tools & Technologies

#### Database Objects:

Stored Procedures, Views, Functions,

Triggers

#### Performance & Optimization:

SQL Profiler, Query Optimization,

Performance Tuning

### Data & Integration:

Query Analysis, API Integration

#### Data Handling:

ETL Processes, Data Migration

#### Analytical & Problem-Solving:

Data Diagnostics & Troubleshooting, Report Generation & Insights, Root Cause Analysis

## EDUCATION

### BSc in Computer Science

DRBCCC Hindu College

Chennai 2018 - 2021

### Software Development Certification

QSpiders

Chennai 2021 - 2022

## Experience

### Radush Technologies, Software Engineer(Freelance)

Chennai Nov 2025 - Jan 2026

### National Institute of Technology (NIT) Calicut

- Worked as a freelancer on HR and Research & Consultancy (R&C) modules.
- Designed and implemented the HR Leave Management Module, handling complex workflows strictly aligned with Central Government leave rules and policies.
- Ensured data integrity, rule compliance, and seamless integration with existing institutional systems.

### Taman Corp, Software Engineer

Chennai May 2024 - Nov 2025

- Developed, Maintained and enhanced Admissions and Academics ERP with secure, approval-based workflows using iProof and MS SQL Server (SSMS). Integrated Excel-based student and faculty data via APIs for real-time processing and better data maintenance. Collaborated with academic stakeholders to enhance ERP modules and backend systems, supporting better decision-making and data flow.

### IIT Hyderabad

- Developed and deployed Scholarship and Fellowship systems with on-site implementation, ensuring alignment with institutional goals.

### IIT Dharwad

- Built robust Course Registration and Course Feedback modules for over 2,000 users including students, faculty, and staff.
- Conducted end-to-end data migration of personal and academic records for 4 complete student batches, enabling smooth transition to new ERP.

### IIT Madras

- Designed a Visitor Management System prototype with a user-friendly interface, significantly improving system usability and visualization.

### Cognitive Platform Solutions, Associate Software Engineer

Chennai May 2022 – Nov 2024

### Anna University

- Delivered modules for faculty and student dashboards, profile management, and reports using iProof and SQL, enhancing academic operations. Developed a Scopus Add-on for the faculty dashboard, enabling streamlined citation and research publishing workflows.