

# SARANRAJ CHANDRASEKARAN

## Analyst Programmer

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Chennai, India

## Profile Summary

**Product Developer and Data Engineer** with 3 years of experience in developing and supporting the **Ramco ERP** product. Expertise in **SQL Server development**, data integration, reporting, and cloud-based analytics. Skilled in database optimization, **ETL workflows**, and **BI dashboards** using **SSRS, SSIS, Power BI and Azure**. Proficient in requirement analysis, design, development, testing, maintenance, enhancement, and production support of business applications.

## Skills

- **Technical** : Transact SQL(T-SQL) - MS SQL Server - Python(for Data Engineering) - MySQL - REST API - MongoDB - PostgreSQL
- **Tools** : SSMS - SSIS ETL - SQL Profiler - Azure Data Studio - Git - DevOps - Jenkins - Postman - Jasper Soft Studio - Visual Studio - Power BI Desktop - Atlassian Jira - Azure Data Factory - SSRS
- **Skills** : Data Management - Data Analysis - Performance Tuning - Agile Scrum - API Integration - ETL Process - Troubleshooting & Debugging - ERP Finance Modules

## Work Experience

### Ramco Systems (May 2022 - Present)

#### Analyst Programmer

Oct 2022 - Present

- Developed and optimized complex database objects (stored procedures, functions, views, triggers, SQL job schedulers), improving ERP system performance and **reducing execution time** by up to **40%**.
- Designed and implemented **ETL pipelines using SSIS** for data migration and integration between ERP modules and external systems.
- Debugged and resolved defects using **SQL Profiler**, ensuring data accuracy and stability.
- Designed and deployed **Power BI and SSRS dashboards**, integrating data from multiple SQL sources, which enabled stakeholders to access real-time financial insights.
- Automated deployment processes by implementing a **DevOps Jenkins pipeline** with Git, reducing errors and downtime by 15%.
- Collaborated in **Agile Scrum methodology**, participating in sprint meetings, performing unit/functional testing, and resolving defects.

#### Projects: Ramco Next-Gen ERP Software

- Built and customized **ETL workflows for client data migration** and customization for a mid-sized manufacturing company.
- Customized **ERP finance modules** such as Asset Management, Accounts Payable, and Accounts Receivable to automate billing, resulting in significantly reduced manual processing time.
- Provided ERP product support & maintenance for major clients including **Ramco Cements, Citywide, MJB Woods, and PEPS India**.

#### Project Trainee

May 2022 - Oct 2022

- Developed **Transact-SQL** queries using stored procedures, triggers, dynamic queries, functions, and indexes to implement ERP business functionality.
- Performed **query optimization and performance tuning** using execution plans and index tuning.
- Utilized **C# .NET** within the Ramco Virtual Works (RVW) framework for front-end ERP module development.

## Education

### Erode Sengunthar Engineering College

Jul 2018 - Jul 2022

B.E Computer Science & Engineering | 8.32 CGPA

## Achievements

- Honored to receive the **Best Individual Performer** award for exceptional **defect-fixing skills** in various On-premises and cloud customer projects.
- Honored to receive the **Best Team Support** award for contributions to **partner and critical cloud projects**.

## Certificates

- **HackerRank SQL** - Certificate of accomplishment in SQL(Intermediate) and earned SQL Gold Badge.
- **Ramco SQL Foundation** - Successfully completed Ramco's SQL Foundation-level certification.
- Successfully completed **NPTel** Online Certification course: Joy of Computing Using Python.