

# YOHESWARI RAJENDRAN

Data Analyst | SQL & Database Professional

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## SUMMARY

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I am a Computer Science graduate with hands-on experience in database management, SQL reporting, and data analysis. Skilled in **Advanced Excel, SQL, Python, Power Bi** for data cleaning, reporting, and Analysis. I have worked closely with data to support business and academic systems, ensuring accuracy, consistency, and meaningful insights.

I took time to strengthen my analytical skills through structured learning in data Science and AI. I am now seeking a Data Analyst or SQL focused role where I can apply my experience, continue learning, and contribute to data-driven decision-making

## EXPERIENCE

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### Data Analyst

Sakthi Technologies Oct '18 — Dec '21  
Tiruchirappalli, Tamilnadu, India

Created a software for college and school libraries using **VB.NET with MS Access**, streamlining **library management and automation**.

- Developed and automated the **data reporting process**, ensuring timely and accurate insights for clients.
- Collaborated with clients to identify business needs and helped develop customized data management solutions.
- Analyzed data to deliver insights that enhanced decision-making and operational performance

### Programmer/Database administrator

Thassim Beevi Abdul Kader college for Women Oct '15 — Sep '16  
Kilakarai, Ramanathapuram.

- Designed, maintained, and updated the college website, implementing dynamic and responsive web pages.
- Administered and optimized SQL databases for institutional management systems.

## EDUCATION

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**M.E in computer Science and Engineering**, Mohamed Sathak Engineering College (GPA: Jun '12 — Aug '14  
8.2) Kilakarai, Ramanathapuram

**B.E in Computer Science and Engineering**, Mohammed Sathak Engineering College (GPA: Jun '08 — Apr '12  
7.5) Kilakarai, Ramanathapuram

## CERTIFICATIONS

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**Web Development Bootcamp**, Udemy Feb '24

**Git & Git hub**, Udemy Dec '24

**Data Science with AI**, Besant Technologies, Chennai

## PROJECTS

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### Personal Portfolio Website [Link](#)

- Created a **personal portfolio website** to showcase web development skills, including projects, skills, and contact information.
- The website was built using **HTML, CSS, and JavaScript**, with a focus on responsive design and clean, user-friendly navigation.
- Hosted the website on **GitHub Pages**, providing a live link for potential employers or clients to view the portfolio.
- Link : <https://yohirajendran.github.io/portfolio/>

### E-Learning\_Data\_Usage\_analysis - Advanced Excel

, Besant Technologies [Link](#) Chennai

- Performed KPI based analysis on e-learning data using Advanced Excel
- Build interactive dashboards with pivot tables and Slicers
- Advanced PDF report generation using VBA, Macro Recording for refresh the Page
- Published Project on Github Link: [https://github.com/YohiRajendran/E-Learning\\_data\\_analytics\\_Advanced\\_Excel](https://github.com/YohiRajendran/E-Learning_data_analytics_Advanced_Excel)

### Electricity Usage Analysis System by MySQL

, Besant Technologies [Link](#) chennai

- Designed and implemented a relational database system to analyze household electricity consumption and billing data.
- Created advanced SQL queries using **JOINS, GROUP BY, window functions (RANK)**, and conditional aggregation for monthly and yearly analysis.
- Developed **stored procedures** using **IN and INOUT parameters** to retrieve and compute household-level usage metrics.
- Implemented **BEFORE and AFTER INSERT triggers** to automatically calculate billing cost, energy efficiency metrics, and usage categories.

- Calculated derived metrics such as **kWh per occupant**, **kWh per square foot**, and **usage classification (High/Moderate)** using cross-table data.
- Enforced business rules at the **database level**, ensuring data accuracy, consistency, and automation.
- Optimized reporting by storing pre-calculated metrics in a dedicated table for faster analytics.
- Technologies:** MySQL, PL/SQL (DDL, DML, Triggers, Stored Procedures), Excel/CSV

**Real Estate Sales Analysis – Power BI** , Besant Technologies [Link](#)

Chennai

- Analyze real estate sales performance
- Understand pricing trends and valuation accuracy
- Identify factors affecting property value
- Data cleaning and transformation using Power Query
- This project demonstrates how Power BI can be used to transform raw real estate data into actionable insights that support data-driven decision-making.

## SKILLS

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**Data Analytics** Advanced Excel, power bi, Tableau

**Database** SQL, MS Access

**Programming** Python

**Tools and Techniques** Excel(Pivot Tables, Vlookup), Git, Github

**Web Basics** HTML, CSS, Javascript

**Languages** Tamil, English