

# ROBINSON R

## SOFTWARE ENGINEER (BI DEVELOPER)

### CONTACT

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### SKILLS

#### Database

- SQL Server (2016 & 2019)

#### MSBI

- Server Integration Services (SSIS)
- SQL Server Analysis Services (SSAS)

#### Visualisation

- Power BI
- Excel

#### Version Control

- Git Hub
- Source Tree
- Team Foundation Server(TFS)

#### Change Management Tool

- Service Now

### KNOWLEDGE

- Augmented Analytics: Innovation
- Data Science Integration: Advancement
- Real-Time Analytics: Agility
- DataOps: Collaboration
- Self-Service Analytics: Empowerment
- Data Governance and Privacy: Compliance
- Embedded Analytics: Integration
- Graph Analytics: Relationship
- Explainable AI: Transparency
- Continuous Learning: Growth

### OBJECTIVE

Seasoned and results-oriented professional with over 3 years of hands-on experience in visualization, ETL development, and SQL database management. Seeking a challenging role where I can utilize my extensive expertise to drive actionable insights, optimize ETL workflows, and architect robust reporting solutions, contributing significantly to organizational growth and success.

### WORK EXPERIENCE

#### Software Engineer (BI)

S.i. Systems IT Consultancy Services (India) Pvt. Ltd APR 2021 - APR 2024

#### PROJECTS

S.i. Systems created MatchGuide as an internal application to streamline its employment and operational processes. Supported by a development team based in Chennai, India and Toronto, Canada, it is always growing and evolving to meet the needs of consultants and clients. It acts as the operational team's internal hub for communication and information sharing, allowing Managing Directors (MD), Account Executives (AE), and Recruiters(RE) to work together to finalise placement agreements. Furthermore, MatchGuide bills clients and pays contractors by connecting to the finance systems via Microsoft Great Plain (GP).

External users can use the candidate and client site to view their profiles and other pertinent information. To generate the Power Report for data visualisation that the senior management uses to make business choices, MatchGuide uses all of its operating and finance data from Great Plains (GP).

#### ROLES AND RESPONSIBILITIES

##### Database Manipulation

- Proficient in executing SQL queries to update, insert, and delete data within database tables.
- Implemented complex data transformations to meet business requirements, ensuring data accuracy and integrity.
- Proficient in designing and implementing stored procedures and functions to optimize database performance and enhance data processing capabilities.
- Skilled in utilizing SQL Server Agent to schedule and automate database tasks, ensuring timely execution and efficient operation.
- Experienced in monitoring and managing job activities using the Job Activity Monitor, maintaining database health and performance for streamlined database management.
- Proficient in designing, implementing, and maintaining data warehouse and data mart solutions to support business intelligence and analytics initiatives.

##### Data Analysis

- Conducted thorough data analysis, collaborating closely with stakeholders to understand business needs and translate them into actionable tasks.
- Leveraged ETL (Extract, Transform, Load) processes to extract data from diverse sources, transform it to fit business needs, and load it into data warehouses and data marts.
- Created visually compelling dashboards and reports using Power BI

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## REFERENCES

### Venkatesh V

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### Raghubalan Kanagasabai

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### Microsoft MSBI

- Designed and developed ETL processes using SQL Server Integration Services (SSIS) to extract, transform, and load data from various source systems into the data warehouse.
- Expertise in package deployment and execution, ensuring efficient data integration through streamlined processes and optimal performance.
- Worked alongside business analysts and stakeholders to collect requirements and delineate data integration workflows.
- Implemented data quality checks and error handling mechanisms to ensure the accuracy and reliability of ETL processes.
- Created and maintained documentation for ETL processes, including data mappings, transformation logic, and scheduling details.
- Developed SQL Server Analysis Services (SSAS) Multi Dimensional Cubes to support business reporting and analysis needs.
- Optimized ETL performance by tuning SQL queries, optimizing package configurations, and implementing parallel processing techniques.

### Data Visualisation

#### Microsoft Power BI

- Developed interactive PowerBI dashboards to visualize and analyze data from various sources, including SQL Server and Excel.
- Proficient in data modeling, transformation, DAX, and data visualization techniques.
- Collaborated with business analysts and stakeholders to gather requirements and translate them into actionable insights through PowerBI reports.
- Designed and implemented data models to support business reporting needs, ensuring data accuracy and integrity.
- Optimized query performance and data refresh schedules to enhance dashboard responsiveness and reliability.
- Conducted training sessions and created documentation to empower users in utilizing PowerBI tools effectively.
- Actively participated in continuous improvement efforts to enhance data visualization techniques and dashboard design principles.

#### Microsoft Excel

- Proficient in utilizing Microsoft Excel as reporting tool for data analysis and visualization.
- Skilled in importing, manipulating, and summarizing data using Excel's features such as tables, charts, and pivot tables.

### Database Backend Change Request

- Managed database backend change requests, ensuring timely and accurate execution.
  - Reviewed and assessed change requests for feasibility, impact analysis, and risk assessment.
  - Coordinated with stakeholders, including analysts, and business users, to gather requirements and prioritize changes.
  - Documented change requests, including requirements, implementation details, and post-change validation results.
  - Conducted thorough testing and validation of database changes to ensure data integrity and system stability.
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