Manikanth

Developer

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📍 Hyderabad

SUMMARY

4+ years experienced Database Engineer with willingness to learn and master data engineering. Coordinates with multiple stakeholders to drive excellence in every project & deliver outstanding results.

KEY SKILLS

• SQL • PL/SQL • No-SQL • Business Intelligence • Talend Open Studio • Data Analysis • SDLC • Business Process/Data Flow Modeling • Data Visualization • Data Wrangling • Data Extraction • Data Wrangling • User Support • Data Blending & Transformation • Charting • Requirement Gathering • Dashboard Creation • Data Warehousing • Data Modelling • MongoDB • AWS Redshift • Query Optimization

CERTIFICATIONS

- Certified Talend Open Studio | Edureka | '21

PROFESSIONAL EXPERIENCE

Project Engineer

Jun '19 - Present

Center for Development of Advance Computing (C-DAC). Ministry of IT

Noida, IN

C-DAC provides end-to-end digital, technology services in various sectors like Health Care, HPC & AI.

Environment: PostgreSQL, Oracle, Pg-admin, SQL Developer, MONGO DB, Pg-modeler, Talend Open Studio

Design & Development

- Extensive experience in data analysis and/or reporting along with strong knowledge of database and related technologies (**SQL,OLAP**, etc.).
- Resolved technical problems relating to the high-profile application resulting in application performance turning and code quality improvements.
- Experience with Data warehousing techniques (Normalization, Aggregations, **Indexing** and Partitioning).
- Identify and fine tune SQL queries for performance improvements.
- Analyzing active connections and provide suggestions for improvement.
- Gathering statistics of tables, **indexes**, schemas and database to improve the performance.
- Provide operational analytics to support better management of MIS.
- Developing stored procedures, **functions** and triggers.

Data Integration

- Developed **Talend Jobs** and facilitated transformations - Expression, Reusable Sequence Generator, Java transformation
- Analyzed source systems to identify business rules for data profiling, data flows, data transformations & cleansing
- Data integration from different source system using **Talend DI**.
- Meta data creation for different source systems like XML, Delimited File, JSON.

Data Modelling & Transformation

- Modelling JSON format to its relational logical data model.
- Design EHR data models in No-SQL database.

Data Blending & Transformation

- Accessing & transforming massive datasets through filtering**, grouping, aggregation,** & **statistical calculation**
- **Combining different data sources** to extract uniform data & create views that deliver important insights & developing a 360 business dashboard

Developer   Feb '17 - Jun '19

**Center for Development of Advance   Noida, IN
Computing (C-DAC). Ministry of IT**

C-DAC provides end-to-end digital, technology services in various sectors like Health Care, HPC & AI.

Environment: *SQL Developer, Java, JavaScript, SQL, Android, Expo*

Requirement Gathering & Dashboard Development

- Collaborate with business stakeholders to **gather requirements** & manage delivery
- Played a key role in all phases of development from **analysis** through **implementation** and support

Data Visualization & BI

- Made **visualizations** to clearly demonstrate department **spend analysis** & performing GAP analysis for various projects
- **Defined** and incorporated **KPIs** for customer satisfaction as well as customer acquisition

Design and Development

- Design and Development of XML layouts for different screens sizes
- Web Services Integration with PostgreSQL and Java and JSON.

EDUCATION

Talend Open Studio   Apr '21 - May '21

Edureka   Hyderabad, IN

Data Integration and Big Data Project.

- Course Modules:
    - Data Integration | Transformation
    - Hadoop | Kafka | Hive

B.Tech in Electronics and Communication   Jun '12 - Jun '16

JNTU Hyderabad   Hyderabad, IN

- Electronics and Communication engineer awarded with First class distinction Degree.

TECHNICAL SKILLS

- **Databases:** PostgreSQL, Oracle , MongoDB
- **Languages:** SQL, PL/SQL, Java Script
- **Cloud:** AWS Redshift
- **ETL :** Talend Open Studio