

Nidhi Gupta

Database Developer

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PROFILE

An experienced database developer with expertise in SQL, NO-SQL, PLSQL, and Time-series databases. Also, having knowledge of Visualization tools Tableau, Power BI, Kibana, and Grafana. And a Beginner to ELK stack and python programming
Looking for a job change that involves more development activities in Databases and Python.

EDUCATION

Aug 2015 – Jun 2019 Ghaziabad, India	Bachelor of Technology in Information Technology, A.B.E.S Engineering college
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PROFESSIONAL EXPERIENCE

Jan 2019 – present Gurgaon, India	VVDN Technologies, Database Developer Roles and Responsibilities <ul style="list-style-type: none">• Designing database, ERD creation, use-case discussion, optimization of the database, Normalization, De-normalization, Database-migration, Backup and Restore, Report creation on a weekly or monthly basis.• As per the requirement creating query performance checking, and optimizing, Views, CTE's, Store procedure, Triggers, and all the activities related to the database.• Database migration from SQL Server to PostgreSQL and Mysql to Postgresql.• Handling various requirements and query resolving queries related to the database.• Responsible for Unit Testing from Database.• Currently, working on the ELK stack(Elasticsearch, Logstash, and Kibana).
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SKILLS

Databases: (SQL - Postgresql, Mysql, Oracle, SQL Server. No-SQL- Cassandra, MongoDB, CosmosDB, and Elasticsearch. Timeseries-Timescale DB, and PLSQL)

Languages: (PL/SQL, Html, CSS, Python) • **Visualization Tools:** (Tableau, Power BI, Grafana, Kibana)

Other Management Tools: (GIT, JIRA, RabbitMQ, Redis)

Samsung Data Migration-Phase1, This Project involved data migration from MS-SQL Server to Postgresql.Migrating database as well as module migration from Java using eclipse.

Responsibilities

- Make understanding for both the databases, understanding data types, functions, views, and procedure syntax.
- Migrating database from MS-SQL to Postgresql.
- Database Optimization.
- Client interaction on a bi-weekly basis and updating the status to him.
- Development of technical road-maps and working on the POC(proof of concept) on various topics for the smoother development of the module.
- Creating and executing test plans.
- Unit testing for all the modules on the UI and also on the Phone.

Appreciation: Received appreciation from the client for completing the project before the timeline.

LHRU_MESH, This project involved the development of buxi box which helps in device communication via different sources. The database used is Mysql

Responsibilities

- An understanding requirement from the client, involved in team discussion and database development.
- Device-presence monthly report creation.
- Database designing, optimization, implementation, Data migration from old DB to new DB, and normalization activity.
- Handling all the database activities for the team.
- Handled database on DEV, QA, and Prod environment.

Samsung Data Migration-Phase2, This Project involved data migration from MS-SQL Server to Postgresql.Migrating database as well as module migration from Java using eclipse.

Responsibilities

- Make understanding for both the databases, understanding data types, functions, views, and procedure syntax.
- Migrating database from MS-SQL to Postgresql.
- Database Optimization.
- Client interaction on a bi-weekly basis and updating the status to him.
- Development of technical road-maps and working on the POC(proof of concept) on various topics for the smoother development of the module.
- Creating and executing test plans.
- Unit testing for all the modules on the UI and also on the Phone.

Appreciation: Received appreciation from the client for completing the project before the timeline.

Inseego_corps, This project maintains two-way communication between the cloud and different devices at any point in time. Database used is Postgresql and Azure CosmosDB.

Responsibilities

- Database development, query creation, performance checking, and query optimization.
- Rollback script creation.
- Script for user creation to login into different databases.
- Implementation of split DB.
- Creating views materialized view, functions, and CTEs.
- Bulk data insertion for query performance checking.

DELTA, Through this project provided a solution for visualization of power loss during transmission calculating bills, formation of the delta. Database used is Postgresql, Mysql. Visualization tool Tableau.

Responsibilities:

- Database optimization, normalization, and denormalization activity.
- Bulk data insertion for analysis.
- Power calculating and checking of data on tableau server for various factors like power loss.
- Data migration from Mysql to Postgresql.
- Script creation for all the changes and executing on all servers.

Unified_cloud, Internal project for VVDN a cloud solution for managing IoT devices. The database used is Postgresql and Timescale . Visualization tool Grafana.

Responsibilities

- Database optimization, normalization, and denormalization activity.
- Bulk data insertion for query performance check.
- Dashboard creation using Grafana.

NTGU_IMDV, This project involves task related to ELK and MongoDB. Migration of collection, schema and data from MongoDB to Elasticsearch.

Responsibilities

- The task involves the migration of MongoDB data to ELK.
- Analysis of MongoDB collections for migration, understanding structure, and data.
- Indexing data in ELK by adding explicit mappings.
- Understanding all the use cases for nested JSON.
- Involves in all the tasks related to day-to-day activities.

ADDITIONAL ACTIVITIES

- Conducted training sessions for freshers for CTEs, Cassandra, and Postgresql Profile.
- Participated in festman Datahackathon for data analysis using SQL, Excel, and tableau.
- Monthly participation in Onyx data challenges for data analysis using SQL and Tableau/Power BI.
- Technical content writing on medium.
- Conducted knowledge-sharing sessions within the team.

ADDITIONAL INFORMATION

- Member of HUHC(Help us Help Child) NGO | Nov'15 - Jun '19