Nidhi Gupta

Database Developer

⦿ Gurgaon, IN ✉ nidhig631@gmail.com 📞 +91 9560925869 in www.linkedin.com/in/nidhig631

Ⓜ nidhig631.medium.com ↖ https://nidhig631.github.io/Portfolio_website/

🪪 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

💼 PROFESSIONAL EXPERIENCE

Jan 2019 – present Gurgaon, India	**VVDN Technologies,** Database Developer **Roles and Responsibilities**

- 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).

🧠 SKILLS

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

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

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

📂 PROJECTS

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.

NTGU_upcloud, This project involves log analysis from log admin server, ELK-script creation from logstash, dashboard creation on kibana based on the API.

  Responsibilities
  - Log analysis from log admin server using java log scrubber.
  - Multiple pipeline creation using logstash script to add data to elastic search database.
  - Dashboard creation on kibana visualization tool based on the API.
  - Worked on index-deletion policy, snap-shot policy, Re-index indexes data.
  - Responsible for all the activities realted to ELK.
  - Responsible for creating the weekly basis report for API analysis.

✖ 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