

SUHAS MOTAGI

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8550038763 | Portfolio | in Suhas-motagi

Experience summary

- **Database Developer & Administrator** with 1 year of experience in **designing, optimizing, and administering** high-performance data storage solutions using **PostgreSQL** (Relational) and **MongoDB** (NoSQL).
- Detail-oriented and analytical Data Analyst with hands-on experience in SQL, PL/SQL, Oracle, and PostgreSQL, specializing in database development, data analysis, and performance tuning.
- Adept at writing complex **SQL queries**, stored procedures, functions, and triggers to support business intelligence and reporting needs.
- Proven ability to work with **relational databases** to design, implement, and optimize schemas, indexes, and joins for large-scale applications.
- Strong understanding of **data modeling**, normalization, and query optimization for high-performance data retrieval.
- Experienced in transforming raw business data into structured, meaningful insights to support operational and strategic decisions.

Experience

Programmer Analyst – Aiwoox- Applied AnalytiX
Present

Feb 2025 –

- Proactively optimized PostgreSQL and MongoDB database performance using indexing, query tuning, and PL/pgSQL procedures, resulting in measurable latency reductions across all backend services.
- Implemented secure authentication, authorization, and CRUD operations across all projects, ensuring data integrity and adherence to industry-standard practices (Agile/TDD).
- Built and deployed scalable RESTful APIs (Flask/Node.js) to support multiple production applications, improving data throughput efficiency.

Projects

Project: NutriNest

- Built and managed the backend using Supabase (PostgreSQL-powered) for storing user data, recipes, meal plans, and health analytics.
- Designed **normalized relational schemas** for efficient querying, incorporating foreign key relationships across users, ingredients, and nutritional data.
- Implemented **row-level security (RLS)** and **role-based access control** to ensure secure data operations per user.
- Developed **SQL functions and triggers** to automate nutritional analysis and update logs in response to user actions.
- Ensured high performance and scalability by optimizing queries and indexing key columns.

Project: Vendor-Bridge: An Integrated Hiring Portal.

- Designed and implemented a comprehensive PostgreSQL schema to efficiently structure and organize vendor related data, ensuring scalability and data integrity.
- Utilized advanced SQL techniques to optimize queries, achieving a significant improvement in database response times and overall performance.
- Created and optimized PostgreSQL functions and stored procedures to automate repetitive tasks and enhance the portal's backend functionality.
- Worked closely with the development team to integrate database solutions with application, conducting rigorous testing to ensure seamless functionality.

Technologies

Languages: SQL, JavaScript, Python.

Databases: RDBMS: - Oracle, MYSQL, Postgres and MongoDB

Version Control: Git, GitHub

Hosting Platforms: GitHub, Vercel, Render

Methodologies: Agile, Scrum

Testing: Unit Testing, API Testing, White-Box Testing

Certificates

Foundation of Cloud IoT Edge ML – NPTEL

Apr 2024

PostgreSQL: Become an SQL Developer – Simplilearn

Jan 2025

Education

Nitte Meenakshi Institute of Technology Bengaluru, MCA

2022 – 2024

- CGPA: 8.13/10.0

- **Coursework:** Computer Programming, Algorithms, Database Management Systems

SB Arts and KCP Science College Vijayapura, BCA

2019 – 2022

- Percentage: 74.72

- **Coursework:** Programming, Data Structures and Algorithms.