

Alok Kumar

<https://www.linkedin.com/in/alok-kumar-a23a9815b/>

Email : Hialok0208@gmail.com

Mobile : 8809746212

EXPERIENCE

• TechSera Software Pvt Ltd.

Bengaluru

Software Engineer

Mar 2021 - Mar 2024

- **Performance Tuning:** Conducted regular performance tuning and query optimization to ensure efficient database operations.
- **Stored Procedures:** Wrote complex stored procedures and function to enhance database functionality and performance.
- **Database:** Designed, developed, and maintained SQL databases to support business applications and improve data retrieval processes.
- : Created the database for the reporting team.
- : Excellent at performing 'CRUD' Operations on any RDBMS.
- : Good understanding of SQL language, including complex queries, Joins, Subqueries, and aggregate functions.
- : Writing efficient SQL queries to retrieve, update, and manipulate data.
- : Generating Reports using SQL queries based on client requirements.

PROJECTS

• NORTHERN TOOL

Burnsville, Minnesota, United States

Managing Databases

May 2021 - Mar 2024

- **Query Optimization:** Designed and implemented a database solution to integrate sales, inventory, and customer data from multiple sources, improving reporting and data analysis capabilities.
- **Normalization:** Learned about ER Diagrams and Normalization.
- **Workflows:** Optimized the existing inventory management database, resulting in a 30 percent improvement in query performance and faster data retrieval times.
- **Data Collection:** Collaborated with development teams to design and implement effective database solutions.
- **Prod Environment:** Resolved production issues by modifying backend code when required.
- **Client Relation:** Schedule a call with the client and understand requirements.

• Columbia Sportswear

Portland, United States

Data Analysis

May 2021 and Mar. 2024

- **Data Analysis:** Monitor database performance and troubleshoot issues.
- **Report:** Develop and maintain reporting and analytics solutions.
- **Retrive Recods:** Retrieving and analyzing records from the database.
- **Production:** Resolved production issues by modifying backend code as and when required.

PROGRAMMING SKILLS

- Microsoft SQL Server, MySQL, Oracle, Performance Tuning, Stored Procedures, Query optimization, DB2, AS400

EDUCATION

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Sanskriti University

Mathura, India

Bachlor of Technology in Computer Science

Aug. 2017 – June 2021